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THE FIFTY-SEVENTH
ANNUAL ANNOUNCEMENT

SPECIAL EDITION FOR THE
AUTUMN QUARTER 1899

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RUSH MEDICAL COLLEGE

IN AFFILIATION WITH

THE UNIVERSITY OF CHICAGO

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CHICAGO
The University of Chicago Press
1899

HISTORY, PLAN OF GOVERNMENT, AND LOCATION

Rush Medical College is one of the oldest institutions of learning in the Northwest, having been chartered by a special act of the Legislature of the State of Illinois, in February 1837. It was founded by the late Daniel Brainard, who was its first president. He was succeeded, in turn, by Presidents J. V. Z. Blaney, Joseph W. Freer, J. Adams Allen, and Edward L. Holmes. The first course of lectures was delivered in the second story of the frame building on Clark street, near Randolph, in 1843. In 1844 a college building was erected at the corner of Dearborn avenue and Indiana street, a structure which was remodeled and enlarged in 1855. The college rapidly outgrew these quarters, however, and in 1867 a larger building was erected on the site of the old one. This edifice was destroyed in the great fire of 1871, and for a few years the college occupied a temporary amphitheater in the grounds of the Cook County Hospital, then located at Arnold and 18th streets. In 1875 the present Clinical Building was erected, and in 1893 the rapidly growing need of larger facilities for laboratory and practical instruction was met by the construction of the Laboratory Building. In 1887 the college became the Medical Department of the Lake Forest University, retaining, however, its autonomy. This relation was dissolved by mutual consent in April 1898, and in the same month the present relations of affiliation with the University of Chicago were established. Rush Medical College has conferred the degree of Doctor of Medicine upon nearly six thousand physicians. It is one of the several institutions officially recognized by the Royal College of Physicians and Surgeons of London, England. The Rush alumni are thus entitled in Great Britain to all the privileges accorded the graduates of other institutions recognized by the Examining Board in England of the Conjoint Bodies.

GOVERNMENT

The government of the college is vested in a "perpetual Board of Trustees," which was constituted by a special act of the General Assembly of Illinois, in February 1837, and of which the Governor of the state, the Lieutenant-Governor, and the Speaker of the House of Representatives are members *ex officio*.

This Board is responsible to the state for the careful management of the financial and educational interests of the college and for the discipline of its students.

AFFILIATION

By the terms of affiliation with the University of Chicago, the control of the college is vested in a Board of Trustees entirely independent of the teaching force. This Board assumes the financial management and appoints the Faculty, but delegates to the latter the control of the educational work subject to the rules of the University and the approval of the Trustees. The affiliation thus assures the maintenance of a high order of instruction and a steady advance in modern educational methods. The University offers three fellowships to graduates of the college, yielding the University fees and entitling the holders to the privileges of its biological laboratories. It provides for granting the degree of Bachelor of Science to students of the college who have had suitable preliminary education and who comply with the University regulations established for that degree.

LOCATION

The College is situated on West Harrison street, between Hermitage avenue and Wood street, and can be reached by any of the trains of the Metropolitan Elevated Railway, the Marshfield avenue station of which is three blocks east of the college; by the Ogden avenue or Van Buren street Electric lines, which cross Wood street two blocks north of the college; or by the Harrison street Electric Car lines which run on West Harrison street.

The Telephone number of the college is *West* 113.

Address correspondence to

RUSH MEDICAL COLLEGE,
Chicago, Illinois.

CALENDAR

1899

June 30 and July 1	Examination for admission
July 1 Saturday	The fiscal year of the College begins
" "	The Summer Quarter begins
Sept. 21 and 22 Thursday, Friday	Quarterly Examinations
Sept. 23 Saturday	Summer Quarter ends
Sept. 23–30	Quarterly Recess
September 25–26	Examinations for Admission
Oct. 1 Sunday	Autumn Quarter begins
Nov. 30 Thursday	Thanksgiving Day — a holiday
Dec. 21 and 22 Thursday, Friday	Quarterly Examinations
Dec. 23 Saturday	Autumn Quarter ends
Dec. 27–28	Examinations for Admission

1900

Jan. 1 Monday	Winter Quarter begins
Feb. 12 Monday	Lincoln's Birthday — a holiday
Feb. 22 Thursday	Washington's Birthday — a holiday

1900

March 22 and 23 Thursday and Friday	Quarterly Examinations
March 24 Saturday	Winter Quarter ends
March 26 and 27	Examinations for Admission
April 1 Sunday	Spring Quarter begins
June 18, 19, and 20 Monday, Tuesday, Wednesday	Quarterly Examinations
June 20 Wednesday	Special Clinics for the Alumni Association
June 21 Thursday	Annual Scientific Meeting of the Alumni Association
	Annual Business Meeting of the Alumni Association
June 22 Friday	
10:00 A.M.	Special Clinics; Exercises in the Laboratory Building
2:00 P.M.	Graduating Exercises
7:00 P.M.	Annual Reception and Dinner of the Faculty and Alumni
	Spring Quarter ends

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---

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CLINICAL ASSISTANT PROFESSOR AT THE COOK COUNTY HOSPITAL

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BUILDINGS, EQUIPMENT, AND HOSPITAL FACILITIES

The Clinical Building, situated upon the corner of West Harrison and Wood streets, is devoted to didactic and clinical lectures, and to instruction in the use of instruments employed in the diagnosis and treatment of disease. Its ground floor is occupied by the Dispensary, where about 20,000 patients are treated annually.

The laboratories are situated on Harrison street, opposite the Clinical Building. The upper floor, 100 by 40 feet, is devoted to anatomical work. The first four stories are occupied by recitation rooms and laboratories, amply supplied with apparatus and means of illustration for practical instruction in Chemistry, Pathology, Bacteriology, Physiology, Histology, Materia Medica, Therapeutics, and Hygiene.

The Presbyterian Hospital adjoins the college, and is so connected that patients can be transferred directly from the wards of the hospital to the clinical amphi-

theater of the college. The hospital accommodates 250 patients, and about 2000 are treated in the institution each year. The obstetrical wards, situated in a detached building, accommodate 25 patients, and in them about 125 patients are delivered annually.

The Cook County Hospital, with 900 beds, treating annually nearly 20,000 patients, is situated directly opposite the college. Through the enlightened policy of the warden, Mr. James H. Graham, the medical board of the hospital, and the Board of Cook County Commissioners, the wards of that institution have been opened for bedside instruction to medical students.

The students of the Junior and Senior classes of Rush Medical College are taken directly into the wards in small groups, and are afforded every opportunity for the individual examination and study of the patients under the direction of the members of the attending staff. Attention is especially called to this valuable addition to the facilities for clinical teaching at Rush Medical College.

Facilities for the study of gross pathology which are not elsewhere equaled in the West, are afforded at the Cook County Hospital. Between 300 and 400 post-mortem examinations are made annually in the necropsy theater. Necropsy clinics are conducted three times each week by Professor Hektoen, who is the pathologist to the Cook County Hospital.

REQUIREMENTS FOR ADMISSION

The following are the Requirements for Admission:

I. Each student must present to the faculty certificates of good moral character, signed by at least two physicians of good standing in the state in which the applicant last resided.

II. He must fill out and file with the Registrar the required Blank Application for Admission.

III. He must pay the Registrar the matriculation fee of $5.00.

IV. He must furnish, as evidence of adequate preliminary education, either

1. A diploma from a high school, normal school, academy, or other similar institution of learning, requiring at least four years of study before graduation; or

2. A certificate of admission to the Freshman class of a recognized literary or scientific college; or

3. He must pass an examination conducted by the Examiner of the University of Chicago, in the following branches for the session of 1899 and 1900:

a. English composition, grammar, rhetoric, and English literature;

b. Mathematics, comprising higher arithmetic, algebra, and plane and solid geometry;

c. Latin — equivalent to two years' study in an accepted high school, including the elements of the language and six books of Cæsar's *Commentaries*, and two books of Virgil, or an equivalent amount of some other author;

d. Elementary physics;

e. United States history;

f. Geography;

g. Elementary French or German the equivalent of one year's work in an accepted high school;

h. Elementary chemistry the equivalent of one year's study in a good high school.

Should a student fail to pass in not more than two of these branches he may be admitted to the Freshman class, conditioned in these branches, but these conditions must be removed by examination before he can be admitted to the Sophomore class.

Instruction in the branches required in the preliminary examination is offered by the University of Chicago in its University Extension department or in its affiliated schools and academies. Facilities for such instruction will be provided, in the vicinity of the College, for students who are making up conditions in these branches.

Examinations for admission will be held at the College at 9 o'clock A.M., on September 25 and 26. These examinations are conducted by the Examiner of the University of Chicago, and the fee for such examination is $5.00. Examinations will be arranged for at any time and in any city where five students desire to take the examination.

For the sessions of 1900–1901, and 1901–1902 the requirements will be further increased so that (IV–1) there will be required a certificate of admission to the Freshman class of the University of Chicago, or some other institution of equal rank; or (IV–3) an examination in the branches required for admission to the University of Chicago.

For the sessions of 1902–1903 and 1903–1904 there will be required a certificate of admission to the second

year of one of the regular courses of the University of Chicago, or to the Sophomore class of an institution of equal rank, or, in lieu of this, examination in the corresponding branches.

For the session of 1904–1905, the student must be prepared to enter the Senior College of the University of Chicago, or the Junior class of an institution of similar rank.

REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING

Graduates of reputable medical schools recognized by the Illinois State Board of Health, whose requirements are fully equal to those of Rush Medical College, are eligible for admission to the Senior class. By completing all of the work of the Senior year, and such branches of the curriculum of previous years as he has not successfully completed elsewhere, such a student may graduate after attendance upon three consecutive Quarters at Rush Medical College. Students from other medical schools whose requirements are equal to those of this institution may receive full credit for each course taken and for all branches successfully completed at such schools.

Graduates of reputable and regularly established colleges of dentistry, of pharmacy, or of veterinary medicine, which require before graduation attendance on a course extending over two or more years, may be admitted to the Sophomore class on condition that they comply with the entrance requirements (see Requirements for Admission) and pass examinations on the branches of the Freshman year. Such student may accept conditions in such branches of the Freshman curriculum as he has not completed in the schools referred to above, which conditions must be made up during his attendance at this College.

Graduates of colleges of arts or science which require a regular attendance of three or more years as essential to graduation may be admitted to the Sophomore course without examination, provided that they furnish, beside their diploma or certificate of graduation, satisfactory evidence of having creditably done at least 140 hours of work in each of the following branches: Chemistry, Biology or Comparative Anatomy, Botany, Zoölogy, Physics, Physiology, Histology, and Embryology. They will be given credit, without examination, for such work of the Freshman year as has been successfully completed in other college courses, but will be conditioned in such Freshman branches as have not been taken elsewhere. Such condition must be made up during the course at this college.

Conditions

A student cannot advance to a higher class who has failed to pass in more than four Major courses of study of the previous year. These conditions must be removed during the ensuing year; no condition can be carried over more than one year.

REQUIREMENTS FOR GRADUATION

The following are the requirements for the degree of Doctor of Medicine:

The candidate must be not less than twenty-one years of age, and must have studied medicine for four years. He must have paid all dues, must have complied with all the requirements, and must have maintained unexceptional conduct while at the College.

He must have attended twelve full Quarters or an equivalent amount of time in a recognized medical school, of which the last three Quarters must have been in this institution, and forty-five months must have elapsed between the beginning of his first course of medical lectures and the date of his graduation.

He must have completed the full course of study, and have credits for the total number of Majors required in each course.

He must have received clinical instruction during at least two college years.

He must have taken two practical courses in Anatomy, two in Chemistry, two in Experimental Physiology, and one in each of the following subjects: Physiology; Histology; Pathology; Bacteriology; Pathological Anatomy; Materia Medica; Therapeutics; Auscultation and Percussion; Obstetrical Manipulations; Operative Surgery upon the cadaver, including Bandaging and Minor Surgery; and the use of the Laryngoscope, Ophthalmoscope, and Otoscope, including Refraction and the fitting of Spectacles.

Degrees are conferred at the end of any quarter upon such candidates as have complied with the requirements for graduation.

THE DEGREES OF B.S. (UNIVERSITY OF CHICAGO) AND OF M.D. (RUSH MEDICAL COLLEGE)

Any student of the University of Chicago who has a credit of 27 majors on the records of the University (corresponding to the work of the Freshman, Sophomore, and Junior years), will, on the completion of his course in Rush Medical College, be entitled to receive the degree of Bachelor of Science from the University at the time of his receiving the degree of Doctor of Medicine from the College.

The 27 University credits may represent work taken entirely at the University, or in part in other colleges, the credits of which are accepted by the University; but in no case does the University give a degree to a student who has been in residence at the University less than three quarters. After the completion of the work of the Junior College (Freshman and Sophomore years), a student in residence at the University may pursue his work in special courses conducted in part at the University and in part at the College. Credit will be given at the College for the University work done in such special courses, in so far as it is equivalent in character and extent to any of the work required for the degree of Doctor of Medicine. The summer sessions of the University make it possible for a student to secure University credits during the years of his work at Rush Medical College.

It will be seen, therefore, that a student who has completed his Sophomore year at a college whose work is accepted by the University of Chicago as a full equivalent of the corresponding work at that institution, may enter the Senior College (Junior year) at the University, and in three Quarters at that institution and at Rush Medical College take work which will be equivalent to the Freshman year at the College. He can then enter the Sophomore year at the College, and on completion of the medical course there (requiring nine additional Quarters), receive the degrees of Bachelor of Science and of Doctor of Medicine.

Such student will matriculate at the College, and pay, in addition to his University fees, a fee of five dollars for each Quarter of the year during which he is pursuing studies both at the College and the University.

Fee for Entrance Examinations

Students whose preliminary qualifications are not attested by diplomas entitling them to entrance without examination, will take the entrance examination conducted by the University, for which they will pay to the University the usual fee of five dollars.

College Fees

Matriculation fee, five dollars, payable but once.

Tuition for each Quarter, forty-five dollars.

A discount of five dollars is made when the fee for three successive Quarters is paid in advance.

No student can be assigned to any College work until his fees are paid.

Fees are not accepted after the conclusion of the third week of any Quarter.

It is intended to increase gradually the tuition fees, but a student, in continuous attendance (three Quarters each year), may pursue his whole course by paying the fees in vogue at the time of his matriculation. The annual ticket for each of the various hospitals in the city is usually five dollars. Attendance is obligatory upon the county hospital only. Only the Junior and Senior classes are required to attend this hospital.

Deposits

A deposit of five dollars is required from each student to cover the cost of unnecessary damage in the college buildings, and of avoidable loss and breakage in the laboratories. Deductions will be made from this deposit to cover the cost of articles not returned, or of damage to college property. Each student will be charged for damage or loss for which he is individually responsible, and for his *pro rata* share of damage or loss, the responsibility for which cannot be individually located. This deposit must be made on entering the College.

Members of the graduating class may obtain from the College the cap and gown worn at the commencement exercises for the sum of four dollars, three dollars of which amount will be refunded when these articles are returned in good order.

Each student who procures a skeleton from the Osteological Laboratory will deposit twelve dollars for the same, which sum will be refunded when the skeleton is returned uninjured; he may, however, retain the skeleton if he so desires, in exchange for the amount deposited.

Physicians' Fees

Graduates of this College are admitted to all lectures upon the payment of an annual fee of five dollars. Graduates of other colleges, attending the full course. will pay the fees of undergraduate students.

Special laboratory courses may be taken on the payment of a fee of from ten to twenty dollars for each course, depending on the amount and character of the work.

Graduates of this or other colleges who are visiting the city for a brief time are cordially welcomed, but are requested to procure complimentary tickets at the office.

No one is authorized to make any modification of the terms regarding fees. On financial matters the Registrar, who represents the Comptroller at the College office, should be consulted.

Library and Reading-Room

The Students' Library and Reading-room is well provided with current medical literature. Standard periodicals, published in the English, German, French, and other languages, are on file. The library also contains a large assortment of books, as well as the principal dictionaries, encyclopedias, and indices.

MISCELLANEOUS INFORMATION FOR STUDENTS

Attendance.—In order to be properly credited with attendance on any given term or course, it is imperative that students be present at the opening of each Quarter.

Matriculation.—Each Student matriculates on entering the College for the first time, but not for subsequent Quarters.

Registration.—Each student registers at the beginning of each Quarter, or earlier if desired, by the payment of the tuition fee for the Quarter, and filing a registration card.

Selection of Seats.—A seat in the amphitheater is assigned to each student for the lectures and clinics of his class, which may be selected at the time of matriculation. The seat may also be secured by the payment of $5.00 or more of the tuition for the Quarter, and this sum may be sent by mail. Matriculation also may be accomplished by mail.

Division of Classes into Groups.—In order to facilitate the arrangement of the classes for work in small groups, each class will be subdivided into groups of twelve students each, each group being numbered. Students will be assigned to groups in the order of registration.

A student, upon entering the College at the beginning of his first Quarter, will procure from the Registrar a blank application for admission; fill out the same carefully, and return to the Registrar with the matriculation-fee, for which he will receive a receipt.

The student will then present himself to the Dean of the Freshman Class and exhibit to him the credentials for admission. (See Requirements for Admission, page 7). In case these credentials are insufficient to admit to the College, the Dean will arrange with the applicant as to the time and place of the entrance examinations.

Having satisfied the Dean respecting the qualifications for admission, the student will present himself to the Dean of the Sophomore and Junior classes, who will issue a card certifying admission to the proper class, and will advise respecting the courses of study to be taken.

Students applying for Advanced Standing will present their credits for previous work to the Dean of the Sophomore and Junior Classes, who is authorized to pass upon all credits for courses occurring in the years previous to the Quarter on which the student desires to enter. Should a student desire exemption from any course occurring in the class to which he is admitted, he will apply for the same to the head of the department in which that course occurs.

Schedule of Lecture Hours

Schedules are issued from the College office giving the time and place of each exercise.

Board and Lodging

Rooms may be obtained in the vicinity of the College at from $1.00 to $3.00 per week. Day board may be had at from $2.50 to $5.00 per week. Board and room together may be obtained at from $3.50 to $7.00 per week. A Bureau of Information is maintained at the College to which students may apply for directions as to desirable board and lodging.

Books and Instruments.—The average annual cost of the required books and instruments varies from $15.00 to $20.00.

The following table will furnish an estimate of the expenses of a student for each Quarter:

	Lowest	*Average*	*Liberal*
Matriculation fee (paid only the first Quarter) -	$ 5.00	$ 5.00	$ 5.00
Tuition for each quarter - -	45.00	45.00	45.00
Board and room, - - - - -	42.00	60.00	84.00
Laundry, - - - - - -	5.00	7.00	12.00
Books and instruments, - -	5.00	7.00	12.00
Incidental expenses, - - -	15.00	25.00	35.00
	$117.00	$149.00	$193.00

Credentials for Work

In order to obtain a credit-slip for work of any year each student should leave his correct home address at the College office before June 1. His credit-slip will be sent to him by mail and will show the amount of work done during the preceding year, together with any and all conditions registered against the student.

The Young Men's Christian Association

A branch of the Y. M. C. A. is in active operation at Rush Medical College, and the headquarters of the West Side Association are situated within a short distance of the College buildings. Membership in this Association with the privileges of gymnasium, bath-rooms, lecture-courses, etc., may be obtained through the Rush Medical branch at reduced prices.

Further information in regard to the Association may be obtained by application to the Y. M. C. A. Rush Medical College branch.

THE QUARTERLY SYSTEM

Beginning with the first day of July, 1899, the Academic year of Rush Medical College is dated from the first day of July and is divided into four Quarters corresponding with those recognized in the University of Chicago. These are designated as the Summer, Autumn, Winter, and Spring Quarters, beginning, respectively, on the first of July, the first of October, the first of January, and on the first of April, each continuing for twelve weeks. A recess of one week occurs between the end of each Quarter and the beginning of the next following. The Christmas holiday recess will continue ten days. Instruction in all Departments of Medicine will be given in courses occupying a certain number of hours weekly throughout each Quarter, or, in special cases, for a single term only of half a Quarter.

The Curriculum as Related to the Quarterly System.

The general course of instruction in Rush Medical College requires four years of study in residence, with a minimum of attendance upon three Quarters of each year. These years are designated as the Freshman, Sophomore, Junior, and Senior years, respectively.

A student may begin his college work on the first day of any Quarter, and may continue in residence for as many successive Quarters as he desires, and will receive credit for work accomplished. Attendance during all the four Quarters of the year is optional, but will not secure a time credit for more than one year. At least forty-five months must elapse between the date of a first matriculation and the date of graduation. Under the restrictions imposed, this system does not conflict with the existing medical practice acts, nor with the rulings of the various State Boards of Medical Examiners.

The curriculum of instruction has been arranged in such a way as to insure for the student beginning his medical studies with any single Quarter of the year, a complete annual course during any three consecutive Quarters.

The Summer Quarter.

Attention is directed to the special opportunities afforded for the first time in the history of this college for medical study in the Summer Quarter. The climate of Chicago is particularly well adapted to midsummer work, the clinical resources of the college and of the dispensary being then actually increased in extent and value. At this season, further, diseases may be studied which are rarely encountered during the other months of the year. For nearly a decade the clinical work of the College has been conducted with slight interruptions during the summer. Hereafter instruction in all departments will be given in the Summer Quarter.

Vacations and Recesses.

The Christmas vacation at the close of the Autumn Quarter occupies ten days. A recess of one week follows the conclusion of each of the other three Quarters of the year.

Required, Elective, and Optional Courses.

A certain number of courses, especially in the Freshman and Sophomore years of study, are required as essential to securing credit in making up the

four years' curriculum which must precede graduation. A number of courses offered in the Junior and Senior years will, after July 1, 1899, be made elective, that is, the student will be required to select from the list of elective courses a number, including both required and elective studies, sufficient to insure him credit for about 12 Majors each year. The term Major is fully explained in another paragraph. By this system the student can select not only his line of study but also his teachers in such special lines; and can further so arrange his work that in successive years he can practically include all branches taught in the College.

The Quarterly system with Elective Courses is especially well adapted to the medical curriculum, and possesses the advantage of allowing each student to select a portion of his studies, and so to adapt his course to his tastes, his abilities, and his needs. This election applies for the present, however, only to the Junior and Senior years. A certain number of the required majors of work will be exacted in specified courses; for the remainder, the student may select from a number of courses which will be offered in the various departments.

Optional courses, in addition to those described above are offered to students who desire to add to the regular work as outlined in the requirements for graduation. These optional courses are designed to promote a higher scholarship and to increase facilities for work in special departments.

Definition of Major and Minor

A Major course is defined as a didactic or recitation course, occupying five hours a week for one Quarter (a total of 60 hours), or a laboratory, practical, or clinical course, occupying ten hours a week for one Quarter (a total of 120 hours). A double Major occupies twice the number of hours per week for the Quarter.

A Minor course is a didactic or recitation course, occupying five hours a week for one half a Quarter, or six weeks; or a laboratory course, occupying ten hours per week for a similar period.

THE DEPARTMENTS OF THE COLLEGE

The several departments of the College offering courses of instruction for the session of 1899–1900 are as follows:

I. DEPARTMENT OF ANATOMY

OFFICERS OF INSTRUCTION

Professor ARTHUR DEAN BEVAN
Assistant Professor EDWIN R. LeCOUNT
Instructors ALBERT C. EYCLESHYMER, D. LEE SHAW, CHAS. A. PARKER, THOS. A. OLNEY
Assistants J. W. ELLIS, C. H. PARKES, H. W. HORN, E. L. McEWEN, D. D. LEWIS

INTRODUCTORY

Anatomy, including embryology and histology, is taught by means of lectures, demonstrations, recitations, and by practical work in the laboratories of osteology, of practical anatomy, of histology, and of embryology. The lectures are illustrated by numerous charts, models, wet and dry specimens, and by recent dissections of the human body; frequent use is made of the living model. In the recitations and conferences the text-book used is the *Text-book of Anatomy by American authors*. The laboratory of osteology, on the fourth floor of the clinical building, contains a large collection of vertebrate skeletons and about four hundred human skeletons. A human skeleton is loaned to each student, without charge, excepting a deposit to insure its careful use and safe return.

The laboratory of practical anatomy, occupying the fifth floor of the laboratory building, comprises three commodious, well-lighted rooms provided with fifty tables (iron frame and glass top), and an abundance of material is always available. The laboratories of Histology and Embryology, on the second floor of the laboratory building, are provided with about eighty microscopes (Zeiss & Leitz) and with the necessary microtomes and other appliances for the technique of microtomy. Each student is expected to provide his own slides, covers, slide-boxes, and a section-mounting case (costing about $1).

COURSES OF INSTRUCTION

Freshman Year

1. **Osteology.**—A course in the anatomy of the human skeleton, by means of lectures, recitations, laboratory exercises, and demonstrations.
   Lectures: Tues., Sat., 11:00.
   Recitations: Mon., Thurs., 11:00.
   Laboratory: Wed., Fri., 3:00–5:00. First term only.
   Summer and Autumn Quarters, '99.
   Dr. Parkes, the Summer Quarter.
   Drs. Shaw, Parker, Olney, Ellis, Parkes, the Autumn Quarter. Mj.

2. **Arthrology and Myology.**—A course in the descriptive and surgical anatomy of the joints and muscles, by lectures and recitations.
   Lectures, Tues., Sat., 11:00.
   Dr. Shaw.
   Recitations: Mon., Thurs., 11:00.
   Winter Quarter, 1900.
   Drs. Parker, Olney, Ellis, Parkes.
   $\frac{4}{5}$ Mj.

3. **Angiology and Elementary Splanchnology.**—A course in the anatomy of the blood vessels and the viscera of the trunk, by means of lectures, recitations, and demonstrations.
   Lectures: Tues., Sat., 11:00. Dr. Shaw.
   Recitations: Mon., Thurs., at 11:00.
   Autumn Quarter, '99; Spring Quarter, 1900.
   Drs. Parker, Olney, Ellis, Parkes.
   $\frac{4}{5}$ Mj.

4. **Practical Anatomy.**—A course in the dissection of the human body.
   Daily, except Saturday, from 1:00–3:00.
   Winter Quarter, '99.
   In charge of Dr. Parker, assisted by Drs. Shaw, Parkes, Olney, Ellis. M.

5. **Histology.**—A laboratory and demonstration course in microscopic anatomy. For this course the class is divided into sections. The course will be given during the first and second terms of the Autumn Quarter of 1899, and during the second term of the Spring Quarter, 1900.
   Daily, except Monday, 8:00–10:00. M.
   Assistant Professor LeCount.

Sophomore Year

6. **Neurology and Organs of Special Sense.**—A didactic and recitation course of lectures in the anatomy of the nervous system.
   Lectures: Mon., Wed., 9:00.
   Dr. Shaw.
   Recitations: Mon., Fri.. 8:00.
   Winter Quarter, 1900.
   Drs, Parker, Olney, Ellis, Parkes.
   $\frac{4}{5}$ Mj.

7. **Practical Anatomy.**—Dissection of the human body.
   Daily, except Saturday, 1:00–3:00; also Mon., 8:00–10:00; Wed., 9:00–10:00; Fri., 8:00–9:00.
   Second Term, Autumn Quarter.
   In charge of Dr. Parker, assisted by Drs. Shaw, Olney, Ellis, Parkes. $1\frac{3}{5}$ M.

8. **Splanchnology.**—
   Lectures: Mon., Wed., 9:00.
   Dr. Olney.
   Recitations: Mon., Fri., 8:00.
   Spring Quarter, 1900.
   Drs. Parker, Shaw, Ellis, Parkes.
   $\frac{4}{5}$ Mj.

9. **Embryology.**—Lectures, Recitations, and Demonstrations.
   Lectures and demonstrations: Mon., Wed., 9:00. Dr. Eycleshymer.
   Recitations: Mon., Fri., 8:00.
   First Term, Autumn Quarter, '99.
   Drs. Parker, Olney, Ellis, Parkes.
   M.

Junior Year

10. **Surgical Anatomy.**—Lectures and Demonstrations. (*Elective.*)
    This course occupies six hours weekly throughout the Summer Quarter and two hours a week during the Autumn, Winter, and Spring Quarters.
    Summer Quarter. Mj.
    Autumn, Winter, and Spring Quarters, each, $\frac{2}{5}$ Mj.
    Professor Bevan and Dr. Olney.
    This course is elective also for Senior students.

II. DEPARTMENT OF PHYSIOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR JOHN MILTON DODSON
ASSISTANT PROFESSOR B. McPHERSON LINNELL
INSTRUCTORS ELIJAH P. NOEL, GEORGE F. ZAUN
ASSOCIATE EDMUND F. BURTON

INTRODUCTORY

The subject of Physiology is taught by means of Lectures, Recitations, and laboratory exercises in the Physiological Laboratory. The lectures are illustrated by means of models, drawings, lantern slides, and by such experiments as can with advantage be shown to a large class.

For the recitation the text-books used for the session of 1899–1900 will be: For the Sophomore Class, *Kirkes' Handbook of Physiology* (Wood's edition), as heretofore used; for the Freshman Class, *The American Text-Book of Physiology*, published by Saunders & Co., of Philadelphia.

The Laboratory of Physiology, on the first floor of the Laboratory Building, is supplied with all the necessary apparatus for the fundamental experiments in physiology. Each student is supplied at each laboratory exercise with a printed slip giving an outline of the necessary steps in the experiments to be performed. The purpose of the experiment and the results to be expected are not stated, and each student is required to observe and record the results, and his deductions therefrom, in his notebook.

COURSES OF INSTRUCTION

FRESHMAN YEAR

1. **Cytology, Histology, Neuro-Muscular Physiology, and the Blood.**—A course in the physiology of the cells, the tissues, and the neuro-muscular apparatus, by lectures, recitations, and demonstrations.

   Lectures: Mon., Fri., 10:00.
   PROFESSOR DODSON.

   Recitations: Wed., 11:00; Sat., 10:00.
   ASSISTANT PROF. LINNELL, AND DRS. NOEL, ZAUN, AND BURTON.

   Laboratory exercises: Mon., Tues., Wed., 8:00—10:00. (One exercise weekly for each section.)
   ASSISTANT PROF. LINNELL AND DR. BURTON.
   Autumn Quarter, '99. Mj.

2. **Circulation and Respiration.**—A course in the physiology of these subjects by lectures, recitations, and demonstrations.

   Lectures: Mon., Fri., 10:00.
   PROFESSOR DODSON.

   Recitations: Wed., 11:00; Sat. 10:00.
   ASSISTANT PROF. LINNELL, DRS. NOEL, ZAUN, BURTON.

   Laboratory exercises: Mon., Tues., Wed. 8:00–10 00. (One exercise weekly for each section.)
   ASSISTANT PROF. LINNELL, DR. BURTON.
   Winter Quarter, 1900. Mj.

3. **Digestion, Excretion, Absorption.**—A course in the physiology of these subjects by lectures, recitations, and demonstrations.

   Lectures: Mon. and Fri., 10:00.
   PROFESSOR DODSON.
   ASSISTANT PROFESSOR LINNELL.

   Recitations: Wed., 11:00; Sat., 10:00.
   ASSISTANT PROF. LINNELL, DRS. NOEL, ZAUN, BURTON.

   Laboratory exercises: Mon., Tues., Wed., 8:00–10:00. (One exercise weekly for each section.)
   ASSISTANT PROF. LINNELL, DR. BURTON.
   Spring Quarter, 1900. Mj.

SOPHOMORE YEAR

4. **The Physiology of Tissue Metabolism, the Locomotor Mechanism, Special Sense Organs, and the Reproductive System.**

   Lectures: Tues. and Fri., 9:00.
   PROFESSOR DODSON.

Recitations: Thurs. and Sat. 9:00.
Assistant Prof. Linnell, Drs. Zaun, Noel, Burton.

Laboratory exercises: Mon., Tues., Wed., 10:00–12:00.
(One exercise weekly for each section.)
Assistant Prof. Linnell, Dr. Burton.
Winter Quarter, 1900. Mj.

5. **The Physiology of the Nervous System.**
Lectures: Tues., Fri., 9:00.
Professor Dodson.

Recitations: Thurs., Sat., 9:00.
Assistant Prof. Linnell, Drs. Noel, Zaun, Burton.
Spring Quarter, 1900. Mj.

III. DEPARTMENT OF CHEMISTRY

OFFICERS OF INSTRUCTION

Professor WALTER S. HAINES
Assistant Professors JEROME H. SALISBURY, JACOB ALLEN PATTON
Assistant RALPH W. WEBSTER
Fellow OSCAR THEODORE ROBERG.

INTRODUCTORY

Instruction in chemistry is given during the first two years of the college course. Inorganic and general organic chemistry are completed in the freshman year; and toxicology, urinalysis, and other parts of medical chemistry are studied in the sophomore year.

The instruction is given by lectures, suitably illustrated with experiments, recitations in small sections from a text-book, and practical laboratory work. Throughout the entire course especial attention is given to those topics of medical importance.

The chemical laboratory occupies the third floor of the laboratory building and is completely equipped for both elementary and advanced work. Each student is given a separate desk, supplied with gas and water, and is furnished with all necessary chemicals and apparatus. Preceding or following a large number of the laboratory exercises, a conference is held in one of the lecture rooms between the class and one of the professors in which questions are asked concerning the work done and explanations given.

Students entering the Freshman class who have had not less than a year's practical and didactic instruction in chemistry (including general organic chemistry) in a high grade college or university, may be exempted from the work in Freshman chemistry upon presenting a satisfactory credential of this previous study and passing an examination. The examination will be devoted in a considerable degree to subjects of medical importance and will include the elements of qualitative analysis.

Students entering the Sophomore class, who have received not less than two years of practical and didactic instruction in chemistry (including organic chemistry, urinalysis, and toxicology) in a high grade college of pharmacy, dentistry, or veterinary surgery, may be exempted from the course in Sophomore chemistry upon presenting a satisfactory credential of previous study, and passing an examination. The examination will be devoted largely to subjects of medical interest.

COURSES OF INSTRUCTION

Freshman Year

One year of general chemistry is required for admission.

1. **The Chemistry of the Non-Metallic Elements.**
Lectures and recitations: Tues., Wed., Thurs. 10:00, Fri, 11:00.
Summer and Autumn Quarter, '99.
Professor Haines, Assistant Prof. Patton, Drs. Webster and Roberg.
$\frac{4}{5}$Mj.

2. **The Chemistry of the Metallic Elements.**
Lectures and recitations: Tues., Wed., Thurs. 10:00, Fri., 11:00. Winter Quarter, 1900.
Professor Haines, Assistant Prof. Patton, Drs. Webster and Roberg. $\frac{4}{5}$ Mj.

3. **Organic Chemistry.**
Lectures and recitations: Tues., Wed., Thurs. 10:00, Fri. 11:00. $\frac{4}{5}$ Mj.
Autumn Quarter, '99. Spring Quarter, 1900.
Professor Haines, Assistant Prof. Patton, Drs. Webster and Roberg.

4. **Practical Chemistry.**—A laboratory course:
Mon., Tues., Wed., Thurs., Fri., 1:00–5:00.
Each section one term. DM.
2d Term, Autumn Quarter, '99.
3d Term, Winter Quarter, '99.
PROFESSOR HAINES, ASSISTANT PROFS. SALISBURY AND PATTON, DR. ROBERG.

SOPHOMORE YEAR.

5. **Toxicology.**
Lectures and recitations: Tues., Thurs., Fri., Sat., 9:00. Autumn Quarter, 99. ⅘ Mj.
PROFESSOR HAINES.

6. **Medical Chemistry—Urinalysis, etc.**—
Lectures and recitations: Tues., Thurs., Fri., Sat., 9:00. Spring Quarter, 1900. ⅘ Mj.
PROFESSOR HAINES, ASSISTANT PROF. PATTON, DRS. WEBSTER AND ROBERG.

7. **Toxicology and Medical Chemistry.**—A laboratory course.
Mon.–Fri., 1:00–5:00.
1st Term, Autumn Quarter, '99.
1st Term, Winter Quarter, 1900.
1st Term, Spring Quarter, 1900.
DM.
PROFESSOR HAINES, ASSISTANT PROFS. SALISBURY AND PATTON, DR. ROBERG.

IV. DEPARTMENT OF MENTAL DISEASES, MATERIA MEDICA AND THERAPEUTICS, PREVENTIVE MEDICINE, AND MEDICAL JURISPRUDENCE

OFFICERS OF INSTRUCTION

1899–1900

PROFESSOR DANIEL ROBERTS BROWER
INGALS PROFESSOR HENRY BAIRD FAVILL
ASSISTANT PROFESSOR JACOB ALLEN PATTON
PROFSSORIAL LECTURER JUDGE HENRY V. FREEMAN
INSTRUCTORS JAMES C. GILL, GEORGE W. HALL
ASSOCIATE CHARLES A. WADE
ASSISTANTS FRED D. HOLLENBECK, K. WILLIAMS
FELLOW CARL J. HABHEGGER

COURSES OF INSTRUCTION

SOPHOMORE YEAR

1. **Materia Medica.**—A lecture and recitation course, comprising the study of alkalies, alkaline earths, metallic astringents, iron, mercury, arsenic, phosphorus, halogens, sulphur, mineral and vegetable acids, alcohols, chloroform, ether, nitrites, chloral, acetanilide group, carbolic acid and derivatives, creosote and analogues, opium, belladonna group, caffeine group, nux vomica, gelsemium, pilocarpin, and conium.
Winter Quarter, 1900.
Lectures: Tues., Thurs., 8:00.
ASSISTANT PROF. PATTON.
Recitations: Wed., Sat., 8:00. ⅘ Mj.
DRS. GILL, HALL, WADE, HOLLENBECK, HABHEGGER.
The text-book used is White and Wilcox.

2. **Materia Medica.**—A lecture and recitation course, comprising the study of coca and cocaïne, digitalis group, aconite group, cactus group, ipecac group, antiperiodics, vegetable purgatives, volatile oils, vegetable bitters, vegetable astringents, demulcents, parasiticides, diuretics, drugs acting on the uterus, colchicum, stearoptens, flavoring and coloring agents, vegetable drugs of mechanical action, organic animal preparations.
Winter Quarter, 1900.
Lectures: Tues., Thurs., 8:00.
ASSISTANT PROF. PATTON.
Recitations: Wed., Sat., 8:00.
Autumn Quarter, '99. ⅘ Mj.
DRS. GILL, HALL, WADE, HOLLENBECK, HABHEGGER.

3 **Materia Medica. Laboratory.**—This is given to the class in small sections in the Materia Medica Laboratory on the fourth floor of the Laboratory Building. This work consists in the examina-

tion of all the important drugs, the making of simple pharmaceutical preparations, in the compounding of prescriptions, and in pharmacodynamics. The laboratory is supplied with an abundance of apparatus for making tinctures, fluid extracts, infusions, syrups, etc. There are 120 separate lockers fitted with all necessary apparatus for the work assigned the students, and desk room for 60 students to work at once. The class is made familiar with the physical properties and the physiological and toxicological effects of crude drugs and their finished preparations. Special attention is given to chemical, physical, and pharmaceutical properties; practice in making the ordinary officinal preparations; and in the compounding of prescriptions. The text-book used is *Laboratory Work in Materia Medica and Therapeutics.*
10:00–12:00 A.M., daily except Saturday.
Second Term, Autumn Quarter, '99.
First and Second Terms, Winter Quarter, 1900.
First Term, Spring Quarter, 1900. M.
ASSISTANT PROF. PATTON, DRS. GILL, HALL, WADE, HOLLENBECK, HABHEGGER.

JUNIOR YEAR

4. **Pharmacology.** (*Elective.*)—An experimental lecture course dealing with the normal and toxic effects of some of the important vegetable and chemical drugs upon the system.
Winter or Spring Quarter, 1900. Tues., Sat., 10:00 A.M. $\frac{2}{5}$Mj.
Lectures:
ASSISTANT PROF. PATTON, DR. GILL.
Prerequisites: *Courses 1, 2, and 3.*

5. **Prescriptions.** (*Elective.*)—A lecture and conference course on the principles of prescription writing. Classes limited to 24.
Autumn Quarter, '99.
Spring Quarter, 1900. $\frac{2}{5}$M.
Tues., Thurs., 10:00–11:00.
DRS. WADE, HOLLENBECK.
Prerequisites: Courses, 1, 2, and 3.

SENIOR YEAR

6. **Therapeutics.**—A lecture course, occupying three hours weekly for one quarter.
Autumn Quarter, '99. $\frac{3}{5}$Mj.
Tues., Fri., Sat., 8:00.
PROFESSOR BROWER AND DR. GILL.

7. **Therapeutics.**—No. 6. Continued.
Winter Quarter, 1900. $\frac{3}{5}$Mj.

8. **Practical Therapeutics.**—A laboratory and practical course, consisting of: *a*) Electro-Therapeutics and Electro-Diagnosis, including the physics and physiology of electricity and the construction of batteries. The laboratory is fully equipped with all the appliances necessary for the production of galvanism, faradism, static electricity, the sinusoidal current, the application of 110 volt-current, etc. *b*) Massage. This is taught by practical demonstrations. *c*) The use of water, as baths, lavage, enemata, douches and irrigation. *d*) The technique of hypodermic medication, atomization, and aërotherapy illustrated upon patients. *e*) The technique of counter-irritation by the cautery, cupping, leeches, and acupuncture. The technique of the inhalations of vapors and gases and of anasthesia. *f*) Invalid cookery—practical demonstrations in the preparations of food for invalids.
In sections, Tues., Fri., Sat., 10:00–12:00.
Second Term, Autumn Quarter, '99.
Second Term, Winter Quarter, 1900. $\frac{3}{5}$M.
ASSISTANT PROF. PATTON, DRS. GILL, HALL, MISS WILLIAMS.

9. **Prescriptions.** (*Elective.*)—A lecture and conference course on prescription writing as applied in therapeutics. Classes limited to 24.
Autumn Quarter, '99.
Spring Quarter, 1900.
Tues., Wed., 9:00–10:00. $\frac{2}{5}$M.
DRS. HALL, HABHEGGER.
Prerequisites: *Courses 1, 2, and 3.*

10. **Preventive Medicine, Hygiene, and Jurisprudence.**—A lecture course occupying three hours weekly for one quarter. Autumn Quarter, '99.
Mon., Wed. and Thurs., 8:00 $\frac{3}{5}$Mj.
PROFESSOR FAVILL.

11. **Mental Diseases.** (*Elective.*)—A lecture course consisting of three hours a week for six weeks.
First Term, Spring Quarter, 1900.
Tues., Fri., Sat., 8:00. $\frac{3}{5}$M.
A clinical lecture every Friday afternoon either at the Cook County Hospital or at the Cook County Hospital for the Insane.
PROFESSOR BROWER.

Course 12.—By Professional Lecturer Judge H. V. Freeman. A lecture course on Medical Jurisprudence.
Second Term of Spring Quarter, hours to be subsequently announced. $\frac{2}{5}$M.
This course will be supplemented by special lectures by the Heads of Departments.

V. DEPARTMENT OF PATHOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR LUDVIG HEKTOEN
ASSISTANT PROFESSORS GEO. H. WEAVER, E. R. LE COUNT, E. O. JORDAN
INSTRUCTOR J. C. WILLIAMS
ASSISTANTS WILLIAM H. KNAPP, THOS. R. CROWDER, ISIDORE B. DIAMOND
FELLOW H. GIDEON WELLS

INTRODUCTORY

The Pathological Laboratory possesses seventy-six Leitz and Zeiss microscopes, each with three or two objectives and substage apparatus, about sixteen microtomes, and all other necessary equipments for pathological and bacteriological work: abundant and properly lighted desk-room with lockers is also at hand. The laboratory has a good museum for teaching purposes, and it is provided with a fairly complete special library containing complete files of the important serials. There are sufficient material and apparatus for advanced work and special research. Adjacent hospitals furnish abundant material.

COURSES OF INSTRUCTION

FRESHMAN YEAR.

1. **General Bacteriology.**—The student is made practically familiar with the essentials of bacteriological technique and engages in a systematic study of a number of saprophytic and of the more important pathogenic bacteria.

Repeated each Term, each Quarter; 8:00 to 10:00 A.M. daily except Tuesday. M.

ASSISTANT PROF. WEAVER,
DRS. WELLS, WILLIAMS.

2. **General Bacteriology.**—A lecture course upon the fundamental principles and facts of bacteriology as a general science.

Tues., Thurs., 5:00.

Autumn Quarter, '99. ⅜Mj.

ASSISTANT PROF. E. O. JORDAN.

SOPHOMORE YEAR.

3. **General Pathology and Pathological Anatomy.**—A practical laboratory course is given in general pathological histology, supplemented by experiments, by demonstrations of lantern slides, and of fresh and museum specimens, by recitations in general pathology, and by special lectures. Practical instruction is given in the methods of making *post-mortem* examinations, and of properly recording the results.

Each Quarter; 1:00–5:00.

Autumn Quarter, '99.

PROFESSOR HEKTOEN, DR. CROWDER,
DR. WILLIAMS.

Winter Quarter, 1900.

ASSISTANT PROFESSOR WEAVER,
DR. DIAMOND, DR. WELLS.

Spring Quarter, 1900. DMj.

ASSISTANT PROF. LE COUNT,
DR. CROWDER, DR. WILLIAMS.

Prerequisite: *Histology and Bacteriology.*

4. **Advanced Bacteriology.**—A lecture course, dealing with the application of bacteriology, especially to hygienic and sanitary science. (*Elective.*)

Tues., Thurs., 4:00.

Spring Quarter, 1900. ⅜Mj.

ASSOCIATE PROF. E. O. JORDAN.

This course is also elective for Junior and Senior students.

JUNIOR YEAR.

5. **Special Pathological Anatomy and Histology.**—Instruction is given in the technique of *post-mortem* examination and in Pathological Anatomy and Histology. For the year '99–1900 only. 10:00–12:00 daily. M.

Autumn Quarter, '99.

PROFESSOR HEKTOEN, ASSISTANT
PROF. WEAVER, DR. WILLIAMS.

Winter Quarter, 1900.

PROFESSOR HEKTOEN, ASSISTANT
PROF. WEAVER, DR. DIAMOND.

Prerequisite: *Histology, Bacteriology, and Pathology.*

JUNIOR AND SENIOR YEARS.

6. **Pathological Anatomy.** (*Elective.*)—A lecture and demonstration course.
Winter Quarter, '99. M.
PROFESSOR HEKTOEN.

7. **Pathological Anatomy.** (*Elective.*)—A lecture and demonstration course.
Spring Quarter, '99. M.
PROFESSOR HEKTOEN.

8. **The Histology and Microscopic Diagnosis of Tumors.** (*Elective.*)
Second Term, Autumn Quarter, '99; daily, 3:00-5:00. DM.
ASSISTANT PROFESSOR LE COUNT.

9. **The Common Infectious Diseases.** (*Elective.*)—The Bacteriology, Pathological Anatomy, and Histology, as well as the important literature of some of the more frequent infectious diseases.
Daily, 3:00-5:00.
Second Term, Autumn Quarter, '99, and Spring Quarter, 1900. DM.
ASSISTANT PROF. WEAVER.

10. **Advanced Laboratory Work and Research in Pathology.** (*Elective.*)—Open to a limited number of specially qualified students and graduates in medicine.
Daily, 3:00-5:00.
Each Quarter, '99-1900. DMj. or DM.
PROFESSOR HEKTOEN.

11. **Photo-Micrography.** (*Optional.*)
DR. KNAPP.

VI. DEPARTMENT OF MEDICINE.

OFFICERS OF INSTRUCTION

PROFESSORS HENRY M. LYMAN, FRANK BILLINGS, NORMAN BRIDGE
ASSOCIATE PROFESSOR OF DISEASES OF CHILDREN, ALFRED C. COTTON
ASSOCIATE PROFESSOR OF MEDICINE, JAMES B. HERRICK
ASSISTANT PROFESSORS, JEROME H. SALISBURY, JOHN A. ROBISON, HAROLD N. MOYER
INSTRUCTORS, B. W. SIPPY, S. R. SLAYMAKER, JOSEPH A. CAPPS, WM. J. BUTLER
ASSOCIATES, F. S. CHURCHILL, CHAS. A. WADE, J. W. VANDERSLICE
ASSISTANT, JAMES A. HARVEY
CLINICAL ASSISTANTS IN THE DISPENSARY, DRS. SCHOEN, HARVEY, EVANS, GRIM, McCURDY, MERRILL

COURSES OF INSTRUCTION

JUNIOR YEAR

3. **Diseases of the Alimentary Tract.**—A recitation and conference course.
Mon., Wed., Fri., 9:00.
Course IX-1 will occupy these hours the first eight weeks of the Autumn Quarter.
Last month of Autumn Quarter, '99.
DRS. SIPPY, CAPPS, SLAYMAKER, HARVEY.
This course, with Course IX-1, occupies 3 hrs. weekly for one quarter, and constitutes ⅜Mj.

4. **Diseases of the Kidney, the Blood, Blood Vessels, etc.—Infectious Diseases.**—Recitation and conference course.
Mon., Wed., Fri., 9:00.
Winter Quarter, 1900. ⅜Mj.
DRS. SIPPY, CAPPS, SLAYMAKER, HARVEY.

5. **Diseases of the Nervous System and General Diseases.**—Recitation and conference course.
Mon., Wed., Fri., 9:00.
Spring Quarter, 1900. ⅜Mj.
DRS. SIPPY, CAPPS, SLAYMAKER, HARVEY.

The text-book used for the above courses will be Lyman's *Practice of Medicine.*

6. **A Clinical Course in the Central Free Dispensary.**
Mon., Tues., Wed., Fri., Sat., 10:00-12:00.
In sections, one month for each section,
Autumn Quarter, '99.
Winter and Spring Quarters, 1900. M.
This course occupies 40 hrs. for each section.

SENIOR YEAR

7. **Diseases of Infancy.**—A didactic course.
Mon., Wed., Sat., 9:00.
First Term, Winter Quarter, 1900. $\frac{3}{5}$M.
PROFESSOR COTTON.

This course occupies 3 hrs. weekly for one term.

8. **Diseases of Alimentary Tract.**
Mon., Wed., Sat., 9:00.
Second Term, Summer Quarter, '99. $\frac{3}{5}$M.
ASSOCIATE PROF. HERRICK.

9. **Nervous Diseases.**—A didactic course.
Mon., Wed., Sat., 9:00.
Autumn Quarter, '99. $\frac{3}{5}$Mj.
PROFESSOR LYMAN.

10. **Diseases of Kidney, Blood, and Blood Vessels, Alimentary Tract, etc.**
Mon., Wed., Sat., 9:00.
Winter Quarter, 1900. $\frac{3}{5}$Mj.
PROFESSOR BILLINGS,
ASSOCIATE PROF. HERRICK.

11. **College Clinics.**
Mon., Thurs., 10:00–12:00.
Autumn Quarter, '99. $\frac{2}{5}$Mj.
PROFESSOR BRIDGE.

12. **College Clinics.**
Mon., Thurs., 10:00–12:00.
Winter Quarter, 1900. $\frac{2}{5}$Mj.
PROFESSOR LYMAN.

13. **College Clinics.**
Mon., Thurs., 10:00–12:00.
Spring Quarter, 1900. $\frac{2}{5}$Mj.
PROFESSORS LYMAN, BILLINGS, ASSOCIATE PROF. HERRICK, ASSISTANT PROF. MOYER.

14. **College Clinics on the Diseases of Children.**—Abundant material is supplied by the Central Free Dispensary and by the maternity wards of the Presbyterian Hospital.
Fri., 10:00–12:00 throughout the year. $\frac{1}{5}$Mj.
ASSOCIATE PROF. COTTON.

Each quarter's work occupies 24 hrs.

15. **Cook County Hospital Arena Clinics.** (*Elective.*)—Clinical lectures in the amphitheater of Cook County Hospital.
Sat., 10:00–12:00. PROFESSOR BILLINGS.
Tues., 10:00–12:00.
ASSOCIATE PROF. HERRICK.

Throughout the year. Attendance upon both of these clinics for any quarter will entitle the student to a credit of $\frac{2}{5}$Mj.

16. **Cook County Hospital Ward Clinics, in sections.** (*Elective.*)—Students in sections of from six to eight are taken into the medical wards of the hospital, and are required to examine cases and to discuss them before the class.
Thurs. and Fri., 9:00.
PROFESSOR DODSON.
Tues. and Fri., 9:00. DR. SIPPY.
Each section will be given about 12 hours work, which constitutes a $\frac{2}{5}$M.

17. **Ward Clinics at the Presbyterian Hospital.**—(*Elective.*)—In sections.
Tues., Wed., Thurs., Fri., 10:00–12:00.
Winter Quarter, 1900. $\frac{2}{5}$M.
ASSISTANT PROF. ROBISON.

18. **Haematology.** (*Elective.*) — A laboratory course in the study of the Blood and its pathological and clinical significance.
Wed., Sat., 10:00.
Summer and Autumn Quarters, '99. $\frac{2}{5}$M.
DR. CAPPS.

VII. DEPARTMENT OF SURGERY

OFFICERS OF INSTRUCTION

PROFESSOR NICHOLAS SENN
PROFESSOR CHRISTIAN FENGER
ASSOCIATE PROFESSOR ARTHUR DEAN BEVAN
ASSOCIATE PROFESSOR WM. T. BELFIELD
ASSOCIATE PROFESSOR IN DENTAL SURGERY TRUMAN W. BROPHY
ASSISTANT PROFESSORS ALBERT I. BOUFFLEUR, FREDERIC S. COOLIDGE
ASSISTANT CLINICAL PROFESSOR D. W. GRAHAM
INSTRUCTOR JOHN W. O'NEILL
ASSOCIATES EMANUEL J. SENN, F. W. JAY, ERNEST J. MELLISH, J. WILLIAM REYNOLDS
ASSISTANT A. B. KEYES

COURSES OF INSTRUCTION

Junior Year

1. **Principles of Surgery.**—Recitation course: Tues., Thurs., 8:00.
Autumn Quarter, '99. Winter Quarter, 1900.
Each Quarter $\frac{2}{5}$Mj.
Drs. Keyes, Parkes.

2. **Minor Surgery, Fractures, and Dislocations.**—Recitation course: Mon., Wed., 8:00.
Autumn Quarter, '99. Winter Quarter, 1900.
Each Quarter $\frac{2}{5}$Mj.
Drs. Senn, Jay, Keyes, Mellish.

3. **Practice of Surgery.**—Recitation course: Mon., Tues., Wed., Thurs., 8:00.
Spring Quarter, 1900. $\frac{4}{5}$Mj.
Drs. Senn, Jay, Keyes, Mellish.

4. **Demonstration Course in Bandaging.**—A practical course in bandaging: Mon., Tues., Wed., 3:00–5:00. Six weeks for each section; throughout each Quarter. $\frac{2}{5}$M.
Dr. O'Neill.

5. **Clinical Surgery, Central Free Dispensary.**—Mon., Tues., Wed., Thurs., Fri., 1:00–3:00, throughout the year; one month for each section. M.
Assistant Professor Coolidge,
Drs. Colby and Doane.

Senior Year

6. **Lectures on Surgery.**—By Professor Senn, Mon., Wed., 4:00; Autumn Quarter, 1900. $\frac{2}{5}$Mj.

7. **Lectures on Surgery.**—By Professor Senn. Mon., Wed., 4:00; Winter Quarter, 1900. $\frac{2}{5}$Mj.

8. **Lectures on Surgery.**—By Professor Senn, Mon., Wed., 4:00; Spring Quarter, 1900. $\frac{2}{5}$Mj.

9. **A Lecture Course on Surgical Diagnosis and Minor Surgery.**—By Associate Prof. Belfield and Dr. Senn.
Mon., Wed., 4:00; Summer Quarter, '99. $\frac{2}{5}$Mj.

10. **A Practical Course in Operative Surgery** on the cadaver and in surgical appliances, given to the class in sections.
Tues., Thurs., Fri., 4:00–6:00.
Repeated each term of the Autumn and Winter Quarters and the first term of the Spring Quarter.
Operative Surgery, Asst. Prof. Bouffleur.
Surgical Appliances, Asst. Prof. Coolidge.
$\frac{3}{5}$M.

11. **College Clinics.**—By Professors Senn and Fenger.
Tues., Thurs., Sat., 2.00–4:00; throughout the year. $\frac{3}{5}$Mj.

12. **Presbyterian Hospital Clinic** (*Elective*).—By Associate Prof. Bevan.
Mon., Wed., Fri., 10:00–12:00 a.m. $\frac{1}{5}$Mj.
Throughout the year.

13. **Clinic at Cook County Hospital** (*Elective*).
Thurs. 8:00–10:00 p.m., Throughout the year.
Assistant Prof. Bouffleur.
$\frac{1}{5}$M.

14. **Ward Clinics in the County Hospital** (*Elective*)
Tues., Fri., 9:00. Throughout the year.
Given to the class in sections of from six to eight students. Each section will be given about twelve hours work.
Drs. Moorehead, Donlon.
$\frac{1}{5}$M

15. **Dental Surgery.**—A lecture by Associate Prof Brophy. (*Elective.*)
Mon., Wed., Thurs., 8:00.
First Term, Winter Quarter, 1900. $\frac{3}{5}$M

VIII. DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR JOHN C. WEBSTER
ASSISTANT PROFESSOR HENRY B. STEHMAN.
CLINICAL ASSISTANT PROFESSOR PHILIP ADOLPHUS
CLINICAL ASSISTANT PROFESSOR EFFA V. DAVIS
INSTRUCTOR FRANK A. STAHL
ASSOCIATES EDWARD BUEL HUTCHINSON, FREDERICK A. JEFFERSON, RUDOLPH W. HOLMES,
ASSISTANT IN DISPENSARY FRANK A. STAHL, HENRY F, LEWIS, EFFA V. DAVIS, EDWARD B. HUTCHINSON, FREDERICK A. JEFFERSON

INTRODUCTORY

Obstetrics is taught by a lecture and recitation course in the Junior Year, a practical course in obstetrical manipulation upon the manikin, and by clinical conferences in which the class, in small sections, examine the patients in the Central Free Dispensary and in the maternity wards of the Presbyterian Hospital. During the Junior and Senior years students are assigned to cases of labor at the homes of the patients, and allowed to conduct the same under the direction of the assistant who accompanies them.

Gynecology is taught by lectures (didactic and clinical), recitations and practical "touch" courses, given to the class in small sections in the Central Free Dispensary and the wards of the Presbyterian Hospital.

COURSES OF INSTRUCTION

OBSTETRICS

JUNIOR YEAR

Course 1.—A lecture course on the Anatomy and Physiology of the female organs of generation, on Pregnancy and Normal Labor. $\frac{2}{5}$Mj.
Fri., Sat., 8:00; Autumn Quarter, '99.
PROFESSOR WEBSTER.

Course 2.—A lecture course on the Pathology of Pregnancy, Abnormal Labor, and Obstetrical Operations. $\frac{2}{5}$Mj.
Fri., Sat., 8:00; Winter Quarter.
PROFESSOR WEBSTER.

Course 3.—A recitation and conference course in Obstetrics by DRS. HUTCHINSON and JEFFERSON.
The text-book used will be *Text-book of Obstetrics by American Authors.*
Fri., Sat., 8:00; Spring Quarter, 1900.
$\frac{2}{5}$Mj.

Course 4.—A course in Obstetrical measurements manipulation, and operations on the manikin by DR. STAHL given to the class in sections.
Mon., Wed., Fri., 1:00-3:00, throughout the year. $\frac{3}{5}$M.
Each course extends throughout one term.

Course 5.—Clinical Obstetrical conferences in the Central Free Dispensary and the maternity wards of the Presbyterian Hospital by PROFESSORS WEBSTER and DAVIS. In this course the students in small sections examine obstetrical cases and they are discussed by the instructor.
Throughout the year. Definite hours to be assigned. $\frac{2}{5}$M.

Course 6.—Obstetrical practice, attendance upon cases of confinement in the wards of the hospital and at the homes of the patients, under the direction of PROFESSORS WEBSTER and DAVIS and the Assistants. Each student will be assigned to a case, will be summoned at the time of delivery, and will conduct the delivery under the supervision of the assistant in charge of the case.
This course will be continued throughout the Junior and Senior years. $\frac{2}{5}$M.

GYNECOLOGY

JUNIOR YEAR.

Course 7.—A lecture and recitation course in gynecology. (*Elective*).
Tues., Thurs., Sat., 9:00; Autumn Quarter, '99. $\frac{3}{5}$Mj.
PROFESSOR WEBSTER, DRS. STAHL, HUTCHINSON, JEFFERSON, LEWIS.

SENIOR YEAR.

Course 8.—Clinical Gynecology. A college clinic and conference by PROFESSOR WEBSTER.

Wed., 10:00–12:00, throughout the year.

Each Quarter's work constitute a $\frac{2}{5}$Mj.

Course 9.—Clinical conferences and demonstrations in the wards of the Presbyterian Hospital, PROFESSORS WEBSTER, STEHMAN.

Given to the class in sections. Hours to be assigned; throughout the year. $\frac{2}{5}$M.

Course 10.—Dispensary clinics. A clinical demonstration and "touch" course in the Dispensary, given to the class in sections, DRS. ADOLPHUS, STAHL, LEWIS.

Daily, 1:00–3:00, throughout the year. $\frac{1}{5}$M.

Each section will work two hours daily for two weeks.

Course 11.—A Microscopical course illustrating the histology and pathology of the female generative organs.

Hours to be subsequently assigned.

IX. DEPARTMENT OF DISEASES OF THE CHEST, THROAT, AND NOSE

OFFICERS OF INSTRUCTION

PROFESSOR E. FLETCHER INGALS
ASSISTANT PROFESSOR JOHN EDWIN RHODES
INSTRUCTORS ARTHUR M. CORWIN, CHARLES J. WHALEN, GEORGE W. HALL
ASSOCIATE OTTO T. FREER
ASSISTANTS J. F. DOLAMORE, GEORGE A. TORRISON, GLENN M. HAMMON, C. J. HABHEGGER, J. E. RAYCROFT
CLINICAL ASSISTANT H. L. LEWIS

INTRODUCTORY

The work of this department is given to members of the Junior and Senior classes, and includes lecture and recitation courses upon the diseases of the chest, throat, and nose; and clinical courses in the Amphitheater and in the Dispensary. The abundant material available enables the students to observe repeatedly, and examine individually, cases illustrating well-nigh every phase of disease affecting the chest and air-passages, and to see performed the principal laryngological operations. Clinical courses are also given in Cook County and the Presbyterian Hospitals to small sections, and a special course will be given in the Dispensary in diseases of the heart. A recitation course (following Ingal's *Diseases of the Chest, Throat, and Nose*) enforces thorough drill in the principles and practice involved. Besides these there are practical courses in physical diagnosis and in laryngology, and a special course in intubation, in which by personal experience the students become familiar with physical signs and with the methods of examination and the use of instruments.

COURSES OF INSTRUCTION

JUNIOR YEAR.

1. **Diseases of the Chest.**—A recitation course, by DRS. HALL, DOLAMORE, TORRISON, HAMMON, HABHEGGER, RAYCROFT.

Mon., Wed., Fri., 9:00.

Autumn Quarter, '99.
DRS. HAMMON, RAYCROFT.
Spring Quarter, 1900.

This course occupies 3 hrs. weekly for 8 weeks and constitutes, with Course VI–3, $\frac{2}{5}$Mj.

2. **Clinical Courses in the Central Free Dispensary.**

DRS. CORWIN, FREER, DOLAMORE.

Daily from 1:00–3:00 throughout the year.

Each section will spend two weeks in this department. $\frac{1}{5}$M.

3. **Practical Courses in Physical Diagnosis.**

DRS. CORWIN AND DOLAMORE.

Daily from 2:00—4:00 throughout the year.

Summer and Spring Quarters.
DR. DOLAMORE.

Autumn and Winter Quarters.
DR. CORWIN.

Also a preliminary course in Laryngology.
1:00—3:00. Summer, Autumn, Winter, and Spring Quarters.

DR. WHALEN.

These two courses occupy 24 hrs. and constitute $\frac{2}{5}$M

SENIOR YEAR.

DISEASES OF THE CHEST, THROAT, AND NOSE.

4. **A Didactic Course.** (*Elective.*)
Winter Quarter, 1900 $\frac{3}{5}$Mj.
PROFESSOR INGALS,
ASSISTANT PROF. RHODES.

5. **College Clinic in Diseases of Chest, Throat, and Nose.** (*Elective.*) By PROFESSOR INGALS, ASSISTANT PROF. RHODES, DR. FREER.
Summer Quarter, DR. FREER.
Autumn and Winter Quarters,
PROFESSOR INGALS.
Spring Quarter, ASSISTANT PROF. RHODES.
Wed., 2:00—4:00. $\frac{1}{5}$Mj.

6. **Diseases of the Heart.** (*Elective.*) — A clinical course, by PROFESSOR INGALS AND ASSISTANT PROF. RHODES. Autumn Quarter.
This course occupies twelve hours and constitutes $\frac{1}{5}$M.

7. **Diseases of the Chest, Throat, and Nose.** (*Elective.*) — A recitation course, DRS. HALL, TORRISON. Summer and Winter Quarters.
DRS. HALL, TORRISON.
This course occupies twelve hours and constitutes $\frac{1}{5}$Mj.

8. **Laryngoscopy.** (*Elective*).—A practical course in the Dispensary, by DRS. FREER, TORRISON, DOLAMORE, WHALEN, HAMMON, RAYCROFT.
Summer Quarter, DRS. TORRISON, HAMMON, HALL.
Autumn Quarter, DRS. FREER, DOLAMORE.
Winter Quarter, DRS. FREER, TORRISON, DOLAMORE, RAYCROFT.
Spring Quarter, DRS. FREER, WHALEN AND HAMMON.
Daily 3:00—4:00.
This course occupies twelve hours and constitutes $\frac{1}{5}$M

9. **Physical Diagnosis.** (*Elective.*)—A practical course, by DRS. WHALEN, DOLAMORE.
Summer Quarter, DR. WHALEN.
Autumn Quarter, DR. DOLAMORE.
Winter Quarter, DR. DOLAMORE.
Spring Quarter, DR. WHALEN.
Daily 2:00—4:00.
This course occupies twelve hours and constitutes $\frac{1}{5}$M.

10. **Intubation.**— A practical course, by DRS. WHALEN, TORRISON. Autumn and Spring Quarters.
Daily 1:00—3:00. $\frac{1}{5}$M.
DRS. WHALEN, TORRISON.

X. DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR FERDINAND C. HOTZ.
INSTRUCTORS: CASSIUS D. WESCOTT, WILLIAM H. WILDER, E. T. DICKERMAN
ASSISTANTS: R. A. MACARTHUR, E. A. LAWBAUGH
CLINICAL ASSISTANTS: STUART WEBSTER, E. V. F. BROWN

COURSES OF INSTRUCTION

JUNIOR YEAR

1. **A Recitation Course** (*Elective*).—In Diseases of the Eye and Ear by DRS. WESCOTT, WILDER, DICKERMAN, LAWBAUGH, MACARTHUR. Tuesday, Thursday, and Saturday, 9:00 to 10:00. Winter Quarter, '99.
In this course the student will acquire a theoretical knowledge of the nature and treatment of the diseases of the eye and ear. These recitations will be made comprehensive by the aid of illustrations of the various diseases and the exhibition of pathological specimens. The text-books used are *Swanzy* on the Eye, and *Barr* on the Ear. $\frac{3}{5}$Mj.

SENIOR YEAR

2. **Clinical Lecture Course** (*Elective*).—By PROFESSOR HOTZ, every Friday from 2:00 to 4:00, throughout the year. Selected cases, showing the various stages of the principal diseases of the Eye and Ear, will be exhibited, their diagnostic symptoms thoroughly demonstrated, and their treatment carefully discussed. There will also be an opportunity of witnessing all the operations upon the Eye and Ear. Each Quarter's work constitutes $\frac{1}{5}$Mj.

3. **Course in Ophthalmoscopy** (*Elective*).—By DRS. WESCOTT, WILDER, LAWBAUGH, MACARTHUR, Tuesday and Friday, from 4:00 to 6:00 during

the Autumn, Spring, and Summer Quarters. The student is taught the use of the ophthalmoscope for the examination of the interior of the eyeball and for retinoscopy. He is furnished artificial eyes to practice on and then allowed under the personal supervision of the instructor to examine normal and pathological eye grounds of patients. Each student must provide himself with an ophthalmoscope. These courses are given to sections, the number in each section being limited to twenty-five students.

$\frac{2}{5}$M.

4. **Clinical Course on Diseases of the Eye.** (*Elective.*) In the Central Free Dispensary, by Drs. MacArthur, Lawbaugh; every day from 1:00 to 3:00 throughout the year, to sections of ten students. Each section to attend two weeks. $\frac{1}{5}$M.

5. **Clinical Course on Diseases of the Ear.** (*Elective.*) In the Central Free Dispensary, by Dr. Dickerman. Tuesday, Thursday, and Saturday from 1:00 to 3:00 throughout the year, to sections of ten students.

The attendance upon these Dispensary Clinics is particularly valuable because it affords the student the opportunity of personally examining the patients and watching the progress of the cases from day to day. $\frac{2}{5}$M.

6, **Optional Course in Ophthalmic Surgery.**—At the Eye and Ear Infirmary, by Dr. Wilder, every Saturday at 2:00.

XI. DEPARTMENT OF SKIN, GENITO-URINARY, AND VENEREAL DISEASES

OFFICERS OF INSTRUCTION

Professor JAMES NEVINS HYDE
Assistant Professor FRANK HUGH MONTGOMERY
Assistant _____
Fellow HOWARD T. RICKETTS
Dispensary Assistants P. McPHERSON, WM. A. QUINN, HOWARD T. RICKETTS

INTRODUCTORY

The work of this Department is elective and offered to members of the junior and senior classes. Instruction is given by clinical teaching both in the amphitheater and in the Dispensary: by recitations; and by demonstrations to small classes of clinical, bacteriological, and pathological phenomena.

COURSES OF INSTRUCTION

Junior Year

1. **Skin, Genito-Urinary, and Venereal Diseases.**—(*Elective.*) By Dr. Ricketts and assistant. A recitation and conference course given to the class in small sections. The text-books used are Hyde and Montgomery on the *Skin*, and Hyde and Montgomery on the *Venereal Diseases*.

Mon., Thurs., 9:00; Fri., 8:00.

Spring Quarter, 1900. $\frac{2}{5}$ Mj.

Senior Year

2. **Clinical Course.** (*Elective.*) Arena Clinic, by Professor Hyde and Assistant Professor Montgomery. A clinical course on the subject of the Diseases of the Skin, of the Genito-Urinary Organs, and on the Venereal Diseases. This clinic ha been conducted in the College for more than twenty years, and is attended by a large number of out-patients of both sexes and all ages. The course is further illustrated by an extensive collection of paintings, models from the Baretta collection in Paris, photographs, chromo-lithographs, and drawings.

Mon., Fri., 2:00–4:00. Throughout the year.

This course occupies four hours weekly throughout the year. Each Quarter's work constitutes $\frac{2}{5}$ Mj.

3. **Demonstration Courses.** (*Elective.*) By Assistant Professor Montgomery. A practical course of clinical, pathological, and bacteriological demonstrations in skin and venereal diseases, given to the class in sections of not more than ten.

Mon., Fri., 2:00–4:00.

This course occupies four hours weekly durthe Autumn and Winter Quarters. Each term's (six weeks) work constitute a $\frac{2}{5}$ M.

4. **Clinical Course in the Central Free Dispensary.** (*Elective.*) By Drs. McPherson, Quinn, and Ricketts. A clinical course given to the class in small sections in the Dermatological and Genito-Urinary Department of the Central Free Dispensary. The student is here brought in personal contact with the patients and required to examine and prescribe for them as he would in private practice.

Daily, 1:00–3:00. $\frac{1}{5}$ M.

In sections: each section occupies twelve hours weekly for two weeks.

SUMMARY OF THE COURSES OFFERED FOR THE AUTUMN QUARTER 1899

An explicit and final statement of the courses offered for the Winter and Spring Quarters of 1900 will be issued about Dec. 1, 1899

FRESHMAN YEAR

I. ANATOMY

Course 1.—Lectures, Tues., Sat. 11:00.
Dr. Shaw.

Recitations, Mon. Thurs., 11:00.
Drs. Parker, Olney, Parkes.

Laboratory, Wed., Fri.. 3:00–5:00.
First term only. Mj.
Drs. Parker, Olney, Parkes, Ellis.

Course 3.—Recitations, Mon., Thurs., 11:00. $\frac{2}{5}$Mj.
Dr. Ellis.

Course 5.—Histology, Tues.–Sat., 8:00–10:00. M.
Assistant Prof. Le Count.

II. PHYSIOLOGY

Course 1.—Lectures, Mon., Fri., 10:00.
Professor Dodson.

Recitations, Wed. 11:00; Sat. 10:00.
Assistant Prof. Linnell,
Drs. Noel, Zaun, Burton.

Laboratory, Mon.–Wed., 8:00–10:00. Mj.
Assistant Prof. Linnell, Dr. Burton.

III. CHEMISTRY

Course 1. — Lectures and recitations, Tues., Wed., Thurs., 10:00; Fri. 11:00. $\frac{4}{5}$Mj.
Professor Haines, Assistant Prof.
Patton, Drs. Webster, Roberg.

Course 3.—Lectures and Recitations, Tues., Wed., Thurs., 10:00; Fri., 11:00. $\frac{4}{5}$Mj.
Assistant Professor Patton.

Course 4.—Laboratory, Mon.–Fri., 1:00–5:00.
Second Term only. DM.
Professor Haines, Assistant Profs.
Salisbury and Patton, Dr. Roberg.

V. BACTERIOLOGY

Course 1.—Laboratory, daily except Tues., 8:00–10:00.
Each Term. M.
Assistant Prof. Weaver.

Course 2.—Lectures, Tues., Thurs., 5:00. $\frac{2}{5}$M.
Assistant Prof. E. O. Jordan.

SOPHOMORE YEAR

I. ANATOMY

Course 9.—Lectures, Mon. Wed., 9:00.
Dr. Eycleshymer.

Recitations, Mon., Fri., 9:00.
First Term only. M.
Drs. Parker, Olney, Ellis, Parkes.

Course 7.—Practical Anatomy.
Mon.–Fri., 1:00–3:00; Mon., 8:00–10:00; Wed., 9:00–10:00: Fri., 8:00–9:00.
Second Term only. $1\frac{3}{5}$M.
Drs. Shaw, Parker, Olney, Ellis, Parkes.

III. CHEMISTRY

Course 5. — Lectures and recitations, Tues., Thurs., Fri., Sat., 9:00. $\frac{4}{5}$Mj.
Professor Haines, Assistant Prof.
Patton, Drs. Webster, Roberg.

Course 7.—Laboratory, Mon.–Fri., 1:00–5:00. First Term only. DM.
Professor Haines, Assistant Profs.
Salisbury, Patton, Dr. Roberg.

IV. MATERIA MEDICA

Course 2.—Lectures, Tues.. Thurs., 8:00.
Professor Patton.

Recitations, Wed., Sat., 8:00. $\frac{4}{5}$Mj.
Drs. Gill, Hall, Wade,
Hollenbeck, Habhegger.

Course 3. — Laboratory, Mon–Fri., 3:00–5:00. M.
Assistant Prof. Patton, Drs. Gill, Hall, Wade, Hollenbeck, Habhegger.

V. PATHOLOGY

Course 3.— Laboratory and Conference Course.
Mon.–Fri., 10:00–12:00. DMj.
Professor Hektoen, Drs. Williams, Crowder.

JUNIOR YEAR

I. ANATOMY

Course 10.—Lectures and Demonstrations. (*Elective.*)
Wed., Fri., 11:00. $\frac{2}{5}$Mj.
Also elective for Seniors.
Professor Bevan.

IV. MATERIA MEDICA

Course 5.—Lectures. (*Elective.*)
Tues., Thurs., 10:00. $\frac{2}{5}$M.
Drs. Wade and Hollenbeck.

V. PATHOLOGY

Course 3.—Laboratory and Conference.
Daily, 10:00–12:00, throughout one term.
Professor Hektoen, Assistant Prof. Weaver and Dr. Williams.

Courses 8 is elective for Junior students. M.

VI. MEDICINE

Course 3.— Recitation and Conference Course.
Mon., Wed., Fri., 9:00. Last month only.
Drs. Slaymaker, Sippy, Capps, Harvey.
Constitutes with Course IX–1 $\frac{3}{5}$Mj.

Course 6.— Dispensary clinics.
Daily except Thurs., 10:00–12:00. One month for each section. M.
Drs. Schoen, Watson, Evans, McCurdy.

Courses 11, 12, 13, 14 and **15** are elective for Juniors.

VII. SURGERY

Course 1. — Recitations, Mon., Tues., Wed., Thurs., 8:00. $\frac{4}{5}$Mj.

Principles of Surgery	Practice of Surgery
———	Drs. E. J. Senn,
———	Jay,
———	Keyes,
Appointments to be made.	Mellish.

Fractures and Minor Surgery. — Same as above.

JUNIOR YEAR

VII. SURGERY

Course 4.—Practical course in sections.
Mon., Tues., Wed., 3:00–5:00. $\frac{2}{5}$M
Dr. O'Neill.

Course 5.—Dispensary Clinics.
Daily, except Saturday, 1:00–3:00. M.
Assistant Prof. Coolidge, Drs. Colby and Doane.

One month for each section.

Courses 11 and **12** are elective for Junior students.

VIII. OBSTETRICS AND GYNECOLOGY

Course 1.—Lectures.
Fri., Sat., 8:00. $\frac{2}{5}$Mj.
Professor Webster.

Course 4.—Practical course in sections.
Mon., Wed., Fri., 1:00–3:00. $\frac{3}{5}$M.
Dr. Stahl.

One term for each section.

Course 5.—Clinical conferences.
Hours to be announced. $\frac{2}{5}$M.
Prof. Webster, Clin. Asst. Prof. Davies.

Course 6.—Obstetrical practice. $\frac{2}{5}$M.

Course 7.—Gynecology, Lectures, and Recitations. (*Elective.*)
Tues., Thurs., Sat., 9:00. $\frac{3}{5}$Mj.
Prof. Webster, Drs. Stahl, Hutchinson, Jefferson, Lewis.

Courses 8 and **9** are elective for Junior students.

IX. DISEASES OF THE CHEST, THROAT, AND NOSE

Course 1.—Recitations. $\frac{2}{5}$M.
Mon., Wed., Fri., 9:00.
Constitutes with Course VI–3 $\frac{3}{5}$Mj.
Drs. Hall, Dolamore, Torrison, Hammon, Habhegger, Raycroft.

Course 2.——Dispensary Clinics. $\frac{1}{5}$M.
Drs. Corwin, Freer, Dolamore.
Daily, 1:00–3:00. Each section 2 weeks

Course 3.—Physical Diagnosis (practical course in sections). Dr. Corwin.
Also a preliminary course in laryngology.
$\frac{2}{5}$M.
Dr. Whalen.

X. OPHTHALMOLOGY AND OTOLOGY

Courses 2 is elective for Junior students.

XI. DISEASES OF THE SKIN AND GENITO-URINARY TRACT.

Course 2 is elective for Junior students.

SENIOR YEAR

IV. MENTAL DISEASES, MATERIA MEDICA, AND THERAPEUTICS

Course 6.—Lectures.
Tues., Fri., Sat., 8:00. $\frac{3}{5}$Mj.
PROFESSOR BROWER, DR. GILL.

Course 8.—Laboratory.
Tues., Fri., Sat., 10:00–12:00. $\frac{3}{5}$M.
ASSISTANT PROF. PATTON, DRS. GILL AND HALL, MISS WILLIAMS.

Course 9.—Prescription Writing. (*Elective.*)
Tues., Wed., 9:00. $\frac{2}{5}$M.
DRS. HALL, HABHEGGER.
Prerequisites: Courses IV–1, 2, and 3.

Course 10.—Lectures.
Mon., Wed., Thurs., 8:00 $\frac{3}{5}$Mj.
PROFESSOR FAVILL.

Course 11.—Cook County Hospital Clinic. (*Elective.*)
Fri., 4:00. $\frac{1}{5}$M.
PROFESSOR BROWER.

V. PATHOLOGY

Course 8.—Laboratory. (*Elective.*)
Daily, 3:00–5:00.
Second Term only. DM.
ASSISTANT PROF. LE COUNT.

Course 9.—Laboratory. (*Elective.*)
Daily, 3:00–5:00.
Second Term only. DM.
ASSISTANT PROF. WEAVER.

Course 10.—Laboratory. (*Elective.*)
Daily, 3:00–5:00. DM or DMj.
PROFESSOR HEKTOEN.

VI. MEDICINE

Course 9.—Lectures.
Mon., Wed., Sat., 9:00. $\frac{3}{5}$Mj.
PROFESSOR LYMAN.

Course 11.—College Clinics.
Mon., Thurs., 10:00–12:00. $\frac{2}{5}$Mj.
PROFESSOR BRIDGE.

Course 14.—College Clinics.
Fri., 10:00–12:00. $\frac{1}{5}$Mj.
ASSOCIATE PROF. COTTON.

Course 15.—Cook County Hospital Clinics. (*Elective.*)
Sat., 10:00–12:00; Tues., 10:00–12:00. $\frac{2}{5}$Mj.
PROFESSOR BILLINGS, ASSOCIATE PROF. HERRICK.

Course 16. — Cook County Hospital Ward Clinics. (*Elective.*) $\frac{1}{5}$Mj.
PROF. DODSON, DR. SIPPY.

Course 18.—Haematology. (*Elective.*)
Laboratory, Wed., Sat., 10:00–12:00. $\frac{2}{5}$M.
DR. CAPPS.

VII. SURGERY

Course 6.—Lectures.
Mon., Wed., 4:00. $\frac{2}{5}$Mj.
PROFESSOR SENN.

Course 10.—Emergency Surgery, etc.
Tues., Thurs., Fri., 4:00–6:00. $\frac{4}{5}$M.
ASSISTANT PROFS. BOUFFLEUR, COOLIDGE.

Course 11.—College Clinics.
Tues., Thurs., Sat., 2:00–4:00. $\frac{3}{5}$Mj.
PROFESSORS SENN, FENGER.

Course 12.—Presbyterian Hospital Clinic. (*Elective.*)
Mon., Wed., Fri., 10:00–12:00. $\frac{1}{5}$Mj.
ASSOCIATE PROF. BEVAN.

Course 13.—Cook County Hospital Clinics. (*Elective.*)
Thurs., 8:00–10:00 P.M. $\frac{1}{5}$M.
ASSISTANT PROF. BOUFFLEUR.

Course 14. — Cook County Hospital Ward Clinics. (*Elective.*)
Tues., Fri., 9:00. $\frac{1}{5}$M.
DRS. MOOREHEAD AND DONLON.

VIII. OBSTETRICS AND GYNECOLOGY

Course 8.—College Clinics. (*Elective.*)
Wed., 10:00–12:00. $\frac{2}{5}$Mj.
PROFESSOR WEBSTER.

Course 9.—Clinical Conferences (in sections). (*Elective.*)
Hours to be subsequently announced. $\frac{2}{5}$M.
PROFESSOR WEBSTER, ASSISTANT PROF. STEHMAN.

Course 10.—Dispensary Clinics (in sections).
Daily, 1:00–3:00.
Each section two weeks. $\frac{2}{5}$M.
CLINICAL ASSISTANT PROF. ADOLPHUS, DRS. STAHL, LEWIS.

IX. DISEASES OF THE CHEST, THROAT, AND NOSE.

Course 5.—College Clinics. (*Elective.*)
Wed., 2:00–4:00. $\frac{1}{5}$Mj.
PROFESSOR INGALS.

Course 8.—Laryngology (a practical course in sections). (*Elective.*) $\frac{1}{5}$M.
DR. WHALEN.

Course 9.—Physical Diagnosis (a practical course in sections). (*Elective.*) DR. DOLAMORE.

Course 10.—Intubation (a practical course in sections). (*Elective.*) $\frac{1}{5}$M.
DRS. WHALEN AND TORRISON.

X. OPHTHALMOLOGY AND OTOLOGY

Course 2.—College clinic. (*Elective.*)
Fri., 2:00–4:00. $\frac{1}{5}$Mj.
PROFESSOR HOTZ.

Course 3.—Ophthalmoscopy and Refraction (a practical course in sections). (*Elective.*)
Tues., Fr., 4:00–6:00. $\frac{2}{5}$M.
First Term, DR. WILDER.
Second Term, DR. LAWBAUGH.

Courses 4, 5. — Dispensary clinics (in sections). (*Elective.*) Each section two weeks.
Daily, 1:00–3:00. $\frac{1}{5}$M.
DRS. MCARTHUR, LAWBAUGH, DICKERMAN.

XI. DISEASES OF THE SKIN AND GENITO-URINARY TRACT.

Course 2.—College clinics. (*Elective.*)
Mon., Fr., 2:00–4:00. $\frac{2}{5}$Mj,
PROFESSOR HYDE.

Course 3.—Demonstrations. (*Elective.*)
Mon., Fri., 2:00–4:00. (Each quarter.) $\frac{2}{5}$M.
In sections of ten each.
ASSISTANT PROFESSOR MONTGOMERY.

Course 4.—Dispensary Clinics. (*Elective.*)
Daily, 1:00–3:00. In sections, each section two weeks. $\frac{1}{5}$M
DRS. MCPHERSON, QUINN AND RICKETTS.

FELLOWSHIPS, HOSPITAL INTERNES, AND PRIZES

FELLOWSHIPS

Four Fellowships, each of the value of four hundred dollars annually, one in chemistry, one in pathology, one in materia medica and therapeutics, and one in cutaneous pathology are awarded at each Commencement.

The Fellowship in chemistry is awarded to the member of the graduating class recognized as in every way best qualified for the position. He devotes the year succeeding his appointment to original investigation in medical chemistry under the direction of the professor of that chair in the laboratories of the College. He is required to devote some time of each day in the College year to the instruction of students, and has opportunity to attend the clinics and pursue other lines of collegiate study.

The Fellowship in pathology is established with a similar end in view and under corresponding regulations. This Fellow engages in original research under the direction of the Professor of Pathology, and is required to take part in the work of instruction of students.

The Fellowship in materia medica and therapeutics is established on a similar basis, and the Fellow engages in original research in the Department of Materia Medica and Therapeutics, and is required to take part in the instruction of students.

The Fellowship in Cutaneous Pathology is awarded to any recent graduate in medicine having the requisite qualifications for pathological work, together with a desire to interest himself especially in this branch of scientific study. He devotes his time to original research under the direction of the professor of Dermatology and of Pathology, and is required to take some part in the instruction of the senior and junior classes.

HOSPITAL INTERNES

Positions as internes in the Presbyterian, the Cook County, the Michael Reese, the St. Joseph's, the St. Elizabeth's, the St. Luke's, the Augustana Hospital,

the Chicago Hospital, the Alexian Brothers Hospital, the Passavant Hospital, the Chicago Policlinic, the German Hospital, the Norwegian Hospital, and the Illinois Charitable Eye and Ear Infirmary, are open each spring to graduates through a competitive examination held by the respective hospital staffs.

The occupants of these positions receive their board and lodging, and acquire experience in every department of practical medicine and surgery.

PRIZES

THE BENJAMIN RUSH PRIZE

A medal of the value of fifty dollars is given by the Faculty at each Commencement to that member of the graduating class who passes the highest examination in every department of medicine represented that year in the examination for the degree.

THE DANIEL BRAINARD PRIZE

A medal of the value of twenty-five dollars is annually given by the Faculty to the student who makes and presents to the College Museum the best accepted dissection in Surgical Anatomy.

THE FREER PRIZES

These prizes are derived from the income of a fund presented to the College by Mr. Nathan M. Freer, of the Board of Trustees, as a memorial of the names of two honored members of his family long identified with the highest interests of this institution.

The J. W. Freer Medal, of the value of fifteen dollars, is awarded as a first prize to that member of the Junior class who presents the best written essay on one of the themes annually announced for competition to that class. The three subjects from which selections may be made, one of which only can be chosen by each competitor, are announced to the class early in the collegiate year, the essays being submitted to the Faculty on the first of the ensuing April. A second prize of the value of five dollars in money is awarded to the next successful competitor.

The following subjects are assigned for the J. W. Freer Prize Essays for the year 1900:

1. Functions and Diseases of the Thymus Gland.
2. Hyaline Degeneration and the conditions which produce it.
8. Physiology and Pathology of Hematogenesis.

The L. C. P. Freer Medal, of the value of fifteen dollars, is offered for the year 1900 as a first prize to that member of the Sophomore class who presents the best essay on any subject connected with medical chemistry. Competitors should consult the Professor of Chemistry in regard to this selection. The essays are required to be placed in the hands of the Faculty by the ensuing April. A second prize, of the value of five dollars in money, is awarded to the next most successful of the competitors.

THE DELASKIE MILLER PRIZE

A set of obstetrical instruments is annually given to the student who passes the best examination in obstetrics.

The following students were awarded fellowships and prizes at the annual Commencement, May 25, 1899.

The Fellowship in Chemistry—Oscar T. Roberg.
The Fellowship in Cutaneous Pathology—Howard T. Ricketts.
The Benjamin Rush Medal—John Fulton Rowe.
The J. W. Freer Medal—Oscar A. Dahms.
The J. W. Freer Second Prize—George Omar Speirs.
The L. C. P. Freer Medal—Martin H. Fischer,
The L. C. P. Freer Second Prize—Walter V. Gulick.
The Daniel Brainard Medal—James H. Fowler.
The De Laskie Miller Prize—Edwin H. Ehlert.

HOSPITAL INTERNES

The following named graduates of the College secured positions as Hospital Internes, in 1899, by examination and appointment.

Blomgren, Charles Edwin	Augustana
Burkholder, Christian E.	Indiana State Prison Hospital
Chievers, Edgar Eynon	Chicago Baptist
Cooling, William Anthony	St. Elizabeth's
Daniells, Ralph Peabody	St. Luke's
Ellis, John B.	Illinois Charitable Eye and Ear Infirmary
Gallen, Geo. E.	Norwegian Deacon's Hospital
Hegele, Herbert W.	St. Vincent's Hospital Portland, Ore.
Holman, Carl J.	Norwegian
Irwin, James Harris	Presbyterian
Keller, William Noble	Cook County
Lewis, Dean D.	Cook County
Manchester, J. D.	St. Mary's Hospital, Oskosh, Wis.
Ochsner, Benj. J.	Cook County
Perkey, Adrian Benton	Presbyterian
Percy, Nelson M.	Augustana
Roe, John Fulton	Cook County
Russel, Frank Horace	Presbyterian
Russell, Robt. G.	Great Northern Railroad Hospital, Spokane, Wash.
Sedgwick, Julius Parker	Alexian
Shannon, Leon William (alternate)	Alexian
Sheldon, John Glendon	Cook County
Shockley, H. Orville	Presbyterian
Sloan, John F.	St. Joseph's
Sturm, Arthur B.	German Hospital
Thomas, Thomas R.	City Hospital, Stillwater, Minn.
Thilo, George, Jr.	St. Elizabeth's
Thompson, Geo. Farnsworth	Cook County
Wiley, Harry Dunlap	Presbyterian

ALUMNI ASSOCIATION

The Alumni Association of Rush Medical College holds yearly meetings. They have heretofore preceded the regular commencement of the college, but after 1900 these meetings will probably take place preceding the July convocation of the University of Chicago. All graduates of the college in good standing are eligible to membership, which can be obtained by the payment of $1.50 annual dues. This amount secures the *Corpuscle*, the official monthly journal of the Association, for one year. This amount should be sent to the Secretary of the Association. The officers for the year ending July 1, 1900, are as follows:

Dr. E. T. Goble, '74, Earlville, Ill., President
Dr. John E. Hench, '83, Hinsdale, Ill., 1st Vice President
Dr. J. C. Reynolds, '70, Lake Geneva, Ill., 2d Vice President
Dr. John Edwin Rhodes, '86, 34 Washington St., Chicago, Ill., Secretary and Treasurer
Dr. J. E. Raycroft, '99, Chicago, Ill., Assistant Secretary
Dr. E. S. Detweiler, '88, La Grange, Ill., Necrologist
Dr. Chas. J. Whalen, '92, Chicago, Ill., Editor of Alumni Department of *The Corpuscle*

Alumni are requested to inform the Registrar of any change of address.

They will also confer a favor by sending to the College Historian a copy of any address, program, or other document relating to the early history of the college.

BOOKS OF REFERENCE

The following books are, among others, recommended for reference and supplementary reading. The books, the titles of which are printed in italics, are required for recitation and laboratory courses.

Anatomy.—*The Text-Book of Anatomy by American Authors*, Quain, Morris, Heath's Dissector, and Holden's Dissector.

Bacteriology.—*Abbott*, Senn's Surgical Bacteriology.

Chemistry.—*Simon*, Freer, Pellew.

Dental Pathology and Surgery.—Sewell.

Dermatology.—*Hyde*, Jackson.

Diagnosis.—Herrick, Hare, DaCosta, Jaksch, Musser, Simon.

Dictionary, Medical.—Gould, Dunglison.

Diseases of Children.—*Ashby and Wright*, American Text-Book, Holt, J. Lewis Smith.

Diseases of the Chest, Throat, and Nasal Passages (including Physical Diagnosis).—*Ingals*. Outlines of Physical Diagnosis.—Corwin. Diseases of the Ear, Throat, and Nose.—Burnett, Browne.

Diseases of Women.—*Garrigues*, American Text-Book of Gynecology. *Webster*, Text-Book of Diseases of Women.

Embryology.—*Quain*.

Experimental Surgery.—Senn.

Fractures and Dislocations.—Hamilton, by Stephen Smith.

Genito-Urinary Organs, Tuberculosis of.—Senn.

Histology.—*Piersol*, Stöhr, Schaefer, Klein.

Hygiene.—Parkes, Coplin, and Bevan.

Intestinal Surgery.—Senn.

Materia Medica and Therapeutics.—*Laboratory Manual, White and Wilcox*, the National Dispensatory, Potter, Bartholow, Shoemaker, Hare, Butler, Culbreth, Wood, Brunton, and Cushing.

Medical Jurisprudence.—Tidy, Mann.

Mental Diseases.—Regis, Bucknill and Tuke, Spitzka, Stearns.

Nervous Diseases.—Dana, Gray.

Obstetrics.—*Text-Book of Obstetrics by American Authors* (Jewett), American Text-Book of Obstetrics.

Operative Surgery.—Bryant, Stephen Smith.

Ophthalmology. — *Swanzy*, Nettleship, Noyes, Fuchs, De Schweinitz, Norris, and Oliver.

Otology.—*Barr*, Burnett, Politzer (Dalby-Dodd), Dench.

Pathology.—*Zeigler*, Woodhead, Greene, Thoma.

Physiology.—*Kirkes, American Text Book*, Landois and Stirling, Chapman, Foster. Stirling's Practical Physiology.

Post-Mortem Technique. Hektoen.

Practice of Medicine.—*Lyman*, American Text-Book of Theory and Practice, Whitla's Dictionary of Treatment.

Practice of Surgery.—*American Text-Book of Surgery*, Senn's Syllabus.

Principles of Surgery.—*Senn*.

Surgical Anatomy.—*Treves*, Joessel.

Tuberculosis of Bones and Joints.—Senn.

Tumors.—Pathology and Surgical Treatment of Tumors, Senn.

Venereal Diseases. — *Hyde and Montgomery*, Taylor.

Recorder's File Do not take out

THE UNIVERSITY RECORD

OF

THE UNIVERSITY OF CHICAGO

FOUNDED BY JOHN D. ROCKEFELLER

PUBLISHED WEEKLY BY AUTHORITY

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MONTHLY—RUSH MEDICAL COLLEGE—NUMBER

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VOLUME V NUMBER 11

UNIVERSITY RECORD

FRIDAY, JUNE 15, 1900

RUSH MEDICAL COLLEGE.

I. THE AFFILIATION OF RUSH MEDICAL COLLEGE WITH THE UNIVERSITY OF CHICAGO.

Rush Medical College and the University of Chicago are separate and independent institutions, but they are working in close coöperation through the arrangement called affiliation. Neither the College nor the University resigns any portion of its independence in consequence of the relation. Each, however, gains advantages that could not be secured by either in isolation.

The University has no Medical School, and it does not grant degrees in medicine. The diplomas in medicine are conferred by Rush Medical College, not by the University. Affiliation between the two institutions means that the two boards of trustees and the two faculties have entered into an agreement to correlate their facilities for instruction so that each will supplement the other so far as possible. On the one hand both parties desire that medical education shall have the broadest practicable foundation in collegiate training. On the other hand both parties recognize the wisdom of economizing time in professional preparation whenever this can be done without serious sacrifice either of general culture or of special discipline.

Both the College and the University desire that, in so far as students of medicine are able to pursue studies which are primarily of general rather than of professional value, they shall be taught by instructors who devote themselves exclusively to investigation and teaching. This tends to insure against a too technical and special treatment of general science, and it conduces to the same breadth of view which is the aim of all liberal education. It is desirable that students of medicine shall be introduced to professional study through the atmosphere of liberal culture which belongs in the University. To this end it is necessary that students who propose to study medicine shall have had the same elementary training that is required for admission to the undergraduate work of the University.

Rush Medical College has accordingly entered into an agreement with the University which involves the following steps toward satisfying the highest educational requirements. First: the University is permitted to exercise general supervision of the educational policy of the College. Second: the University conducts the entrance examinations, and insists upon qualifications equivalent to those for admission to corresponding grades in courses for the Bachelor's degree. Third: The first and second years' work of the Medical College is to be transferred entirely to the University grounds, as soon as practicable. This involves the provision that when the change is accomplished, only those will be received into

the purely technical courses of the College who have completed the work of the Junior College at the University, or in general the Sophomore work of a college of high grade. Fourth: the distinctly professional work of the curriculum is to be increased to three years, thus making a total medical course of five years. The additional year is to be required of all students who enter upon the third year's work July 1, 1904, and thereafter.

The policy involved in this arrangement is an attempt to combine the resources of a body of professional educators with those of a body of medical experts. It is believed that this plan assures the same progress toward the best attainable results in medical education which are sought elsewhere in medical schools that are organic parts of universities. All the essentials of unified effort are secured without organic union.

The development of Rush Medical College since affiliation went into effect is the best evidence that this belief is justified. The contents of this number of the RECORD are all the argument necessary upon the policy that has produced these results. ALBION W. SMALL.

II. PLANS FOR THE FUTURE

THE ADDITIONAL BUILDING.

It is expected to erect, in the near future, a new Clinical Building at an estimated cost of from $75,000 to $100,000, which will add much to the present facilities for teaching. During the past winter a committee from the Faculty visited the principal medical colleges in this country and obtained some valuable suggestions that have been utilized in the designs of this new structure. The building will add over 20,000 square feet to the present space. The plans are now in the hands of the architects and nearly completed. The proposed building is to be fire-proof, six stories in height, and will contain elevators and all modern improvements.

The plans are being drawn so that the new building shall constitute the east wing of the large college edifice which it is planned eventually to construct upon the site of the present clinical building; in the meantime the addition will be connected with the present structure by corridors.

Three floors of the new building will be devoted to the out-patient department. Space will be furnished on these for numerous consultation-rooms, and for several clinical rooms in which clinics will be conducted daily. There will also be several clinical laboratories for use in connection with the various minor clinics and the amphitheater clinic. The new building will furnish ample library quarters, which will add much to the convenience of the students. The increased space will enable the college to still further subdivide its classes so that the students may be brought closer to the teachers and into more immediate contact with the patients. The Freshman class of 1901 and the Freshman and Sophomore classes of the succeeding year will receive all their instruction at the University where they will occupy the magnificent Hull laboratories. The college laboratory building will thus be relieved and will afford additional room that will also be utilized in conducting the work with the numerous small sections into which the classes are divided. When this building is completed, its ample space and convenient communication with the present college building and the hospital, will furnish superior clinical facilities and enable the college to carry out ideal plans for teaching which are difficult to realize in the present quarters.

THE PROPOSED JOURNAL.

The Faculty has submitted a report recommending the publication of a scientific periodical to be conducted by the Faculty. The general scope of this periodical is intended to be that of a medium for the preliminary or permanent publication of the scientific work produced in the various departments of the college as well as from other sources. As may be inferred from the list of publications by the faculty during the last year, printed elsewhere in this issue, there need be no

lack of material for the proposed journal; and the list submitted is probably far from complete.

III. GIFTS AND PRIZES.

OPPORTUNITIES FOR BENEFACTIONS.

Rush Medical College is in immediate need of a new clinical building, of a college dormitory, of a gymnasium for the use of the students, of a commons hall where meals may be served at a reasonable rate and of wholesome character, and of foundations for several professorships. No philanthropist can build for himself a more enduring monument than to give his name to posterity by endowing any of these objects. All bequests and gifts should be made to the Trustees of Rush Medical College, a body of representative and responsible business men who are not interested financially in the income of the college.

THE FREER PRIZES.

The list of prizes annually offered by the college has been increased during the current year by the munificence of Mr. Nathan M. Freer, of the Board of Trustees, who has added to the funds of the Freer foundation so that the sum of one hundred dollars annually will be yielded by the investment.

THE EDWARD L. HOLMES' PRIZE FOR ORIGINAL RESEARCH.

In honor of the late Edward L. Holmes, for several years president of the college, the trustees and faculty have established the Edward L. Holmes' Prize for Original Research, to consist of a table and scholarship for one session at the Marine Biological Laboratory at Wood's Holl, Mass.

This prize is offered in recognition of the great service which has been, and is being rendered to the medical sciences by research work in biology. The prize will be offered each year to members of the Junior class, and will be awarded for the best piece of work in original research performed in any of the laboratories in Rush Medical College.

The student will devote his time during the season at Wood's Holl, to work in embryology, general and comparative physiology, or comparative pathology. The future progress of the medical sciences depends to a large extent upon a development of the physiology and pathology of protoplasm, such development as can only come from the study of the lower organisms. This study is possible only where a large fauna, especially of the marine types, is at the disposal of the worker.

It may be safely stated that the Marine Biological Laboratory at Wood's Holl, has contributed more to the rapid development of biology in this country, and in the international recognition of the work done in America, than ever could have been accomplished by the university laboratories alone. Similar benefits are sure to result to scientific medicine as soon as medical men make use of the splendid opportunities offered at Wood's Holl in the way of material and in the inspiration derived from contact and coöperation with other scientific workers.

It is to be hoped that the near future will find a considerable number of medical students among the workers at Wood's Holl. By reason of their familiarity with, and interest in applied medicine, the bearing of the newer discoveries in biology upon the medical problems awaiting solution, will be more promptly and certainly realized.

IV. THE FACULTY OF RUSH MEDICAL COLLEGE.

THE CHANGES IN THE FACULTY.

The Trustees of Rush Medical College announced in the "Executive Bulletin No. 2" the following promotions and new appointments in the administrative work of the College and in its several departments:

The office of Vice President is established, and Henry M. Lyman, M.D., Dean of the Faculty, in view of his long connection with the College and the valuable services rendered, is appointed to this office.

Frank Billings, M.D., Dean of the Senior Class, is promoted to the Deanship of the Faculty.

John M. Dodson, M.D., Frederic S. Coolidge, M.D., are reappointed Deans in charge of the students of the College.

Henry M. Lyman, M.D., is relieved of the responsibility of the Headship of the Department of Medicine, and

Frank Billings, M.D., is appointed Head of the Department.

The resignation of Norman Bridge, M.D., as Professor of Medicine, is accepted, and he is appointed Emeritus Professor of Medicine.

John M. Dodson, M.D., is transferred from the Department of Physiology to the Department of Medicine, and appointed Professor of Medicine.

D. R. Brower, M.D., is transferred to the Department of Medicine and is appointed to the Professorship of Mental and Nervous Diseases.

Provision is made for General Lectures, to be given before the College during the coming year; lectures on Medical Jurisprudence will be given by Judge Henry F. Freeman.

Lewellys Franklin Barker, M.D., of Johns Hopkins University, is appointed to a Professorship of Anatomy, and to the Headship of the Department of Anatomy, with the understanding that he will occupy the Headship of the Department of Anatomy in the University of Chicago. Professor Barker's academic record is: M.B., University of Toronto, 1890; Fellow in Pathology Johns Hopkins University, 1892–1894; assistant and associate in Anatomy, 1893–1895; assistant resident Pathologist to the Johns Hopkins Hospital.

In the Department of Anatomy, the resignation of Albert C. Eycleshymer, Ph.D., Instructor, is accepted; the terms of the appointment of J. W. Ellis, M.D., and H. W. Horn, M.D., expire; Elmer Ayer Irwin, M.D., is appointed to an Assistantship.

Jacques Loeb, M.D., of the University of Chicago, is appointed Professor of Physiology and Head of the Department of Physiology, with the understanding that he shall continue to occupy his position at the University of Chicago.

In the Department of Physiology Elias P. Lyon, Ph.D., of the Bradley Polytechnic Institute, Peoria, is appointed to an Assistant Professorship of Physiology; the resignations of E. F. Burton, M.D., Associate, and of Elijah P. Noel, M.D., Instructor, are accepted; George F. Zaun, M.D., is transferred to the Department of Therapeutics and Preventive Medicine.

In the Department of Chemistry, Frank Henry Hacking, M.D., Ernest L. McEwen, M.D., and Oscar Theodore Roberg, M.D., are appointed to Assistantships in Chemistry.

The present Department of Mental Diseases, Materia Medica, and Therapeutics, Preventive Medicine and Medical Jurisprudence is divided into two departments, namely: Department of Pharmacology and Materia Medica, and Department of Therapeutics and Preventive Medicine.

In the Department of Pharmacology and Materia Medica, Assistant Professor Patton will act as Head of the Department during the ensuing year. Charles A. Wade, M.D., Associate, is reappointed Associate; Fred T. Hollenbeck, M.D., Assistant, is promoted to an Associateship; W. B. Sprague, M.D., is appointed to an Assistantship; Charles E. Schultz is appointed Fellow. The term of appointment of Kate Williams, Assistant, expires.

Henry B. Favill, M.D., is appointed Head of the Department of Therapeutics and Preventive Medicine, and James C. Gill, M.D., George W. Hall, M.D., and George F. Zaun, M.D., are transferred to this department as Instructors.

In the Department of Pathology, John C. Williams, M.D., is transferred to the Department of Diseases of the Chest, Throat, and Nose; Thomas R. Crowder, M.D., Assistant, is transferred to the Department of Medicine; Henry Gideon Wells, M.D., Fellow, is reappointed Fellow and is promoted to an Assistantship; Theodore Tieken is appointed to a Fellowship. The appointment of W. H. Knap expires and Ernest Knapp is appointed as Assistant.

In the Department of Medicine, the resignation of James H. Salisbury, M.D., Assistant Professor, is accepted; Bertram W. Sippy, M.D., Instructor, is promoted to an Assistant Professorship; F. S. Churchill, M.D., Associate, is promoted to an Instructorship; James A. Harvey, M.D., Assistant, is promoted to an Associateship; Thomas R. Crowder, M.D., is promoted to an Associateship and transferred from the Department of Pathology. A Fellowship is established on the foundation created by Professor Frank Billings, and Alexander F. Stevenson, M.D., is appointed Fellow.

In the Department of Surgery, D. W. Graham, M.D., Assistant Clinical Professor, is promoted to an Associate Clininal Professorship; Emanuel John Senn, M.D., is promoted to an Instructorship; Albert B. Keyes, M.D., Assistant, is promoted to an Associateship; Emanuel Friend, M.D., Karl Doepfner, M.D., Stephen E. Donlon, M.D., Philip Peter Schuyler Doane, M.D., and Dorr B. Colby, M.D., are appointed to Assistantships in Surgery. A Fellowship is established on the foundation created by Professor Arthur Dean Bevan, and Harry W. Horn, M.D., transferred from the Department of Anatomy, is appointed to the Fellowship. The resignation of John W. O'Neill, M.D., Instructor, is accepted. The term of appointment of G. William Reynolds, M.D., Associate, expires. The position of Anæsthetizer to the Surgical Clinics is established, and Martin M. Strand, M.D., is appointed to this position with the rank of an Assistant.

In the Department of Obstetrics and Gynecology, the resignation of Philip Adolphus, M.D., Assistant Clinical Professor, is accepted; C. E. Paddock, M.D., is appointed to an Assistant Clinical Professorship of Obstetrics; Henry F. Lewis, M.D., Assistant, is promoted to an Associateship; Palmer Findley, M.D., is appointed to an Assistantship; Julia D. Merrill and Elizabeth Hay are appointed to Clinical Assistantships.

In the Department of Diseases of the Chest, Throat, and Nose, Otto T. Freer, M.D., Associate, is promoted to an Instructorship; Joseph F. Dolamore, M.D., and George A.

Torrison, M.D., Assistants, are promoted to Associateships; John C. Williams, M.D., is appointed to an Associateship. The term of appointment of Carl J. Habhegger, M.D., expires.

In the Department of Ophthalmology and Otology, Cassius D. Wescott, M.D., Instructor, is promoted to an Assistant Professorship; William H. Wilder, M.D., Instructor, is promoted to an Assistant Professorship; Elmer A. Lawbaugh, M.D., Assistant, is promoted to an Associateship; Robert A. MacArthur, M.D., Assistant, is promoted to a Clinical Associateship; Leigh E. Schwartz, M.D., Cassius C. Rogers, M.D., George E. Shambaugh, M.D., and Stewart Webster, M.D., are appointed to Assistantships.

In the Department of Diseases of the Skin, Genito-Urinary, and Venereal Diseases, Frank Hugh Montgomery, M.D., Assistant Professor, is promoted to an Associate Professorship; Alfred Schalek, M.D., is appointed to an Associateship.

The Academic Record of Professor J. Clarence Webster, called to the Chair of Obstetrics and Gynecology during the past year is as follows: John Clarence Webster, B.A., Mt. All., Canada, 1882; Bachelor of Medicine and Master in Surgery, Edinburgh Univ., Scotland, 1888; M.D., Edinburgh Univ., 1891; Fellow of Royal College of Physicians, Edinburgh; Fellow of Royal Society of Edinburgh, of Obstetrical Society, and of Pathological Club; Corres. Member of Royal Acad. of Med. Sc., Palermo, Italy, and of Italian Obstet. and Gynecol Soc.; Fellow of the American Gynecological Society. Formerly Assistant Lecturer in Midwifery and Diseases of Women, School of Medicine, Edinburgh; First Assist. Prof. of Midwifery and Gynecology in Edinburgh Univ.; Lecturer in Gynecology, McGill Univ., Montreal, and Asst. Gynecologist Royal Victoria Hospital, Montreal, Canada.

NOTES.

At the recent meeting of the Congress of American Physicians and Surgeons, held in Washington during the first week in May, sixteen members of the Rush Medical Faculty were in attendance.

Professors Brower, Haines, and Patton were delegates from Rush Medical College to the Pharmacopeal convention, assembled to arrange for the eighth decennial revision of the United States Pharmacopea. Professor Haines was elected a member of the Permanent Revision Committee.

Professor James Nevins Hyde has recently been appointed Corresponding Member of the Société Française de Dermatologie et de Syphiligraphie, and also Delegate of the American Dermatological Association to the Fourth International Congress of Dermatology convening in Paris in August of 1900.

EDWARD L. HOLMES: IN MEMORIAM.

During the past year Rush Medical College has been called upon to mourn the loss of one of its most valued teachers and most trusted counsellors, Dr. E. L. Holmes, for more than thirty years professor of Ophthalmology and Otology and for eight years president of the college.

Edward Lorenzo Holmes, M.D., LL.D., who died February 12, 1900, was a man who had finished and rounded out a noble life.

He was born at Dedham, Mass., in 1828, received a good grammar and high-school education and entered Harvard University in the autumn of 1845, receiving in 1849 the degree of A.B. *Magna cum Laude.* He was immediately appointed teacher of Latin, Greek, French, and Mathematics in the Roxbury Latin School and was selected also as tutor to Edmund Quincy, the son of Josiah Quincy, president of Harvard, a proof that his college record had been satisfactory. Two years later he began the study of medicine taking his degree from the Harvard Medical School in 1854. After a year's interneship in the Massachusetts General Hospital he went to Europe paying especial attention in his studies to diseases of the eye and ear.

On his return to America he removed to Chicago and became a pioneer in ophthalmological work in the West, being for many years generally recognized as the leading specialist of that part of the country in diseases of the eye and ear. He took an active part in medical matters, participating in the work of the societies and being a frequent contributor to the medical press. His most notable achievement and what must always remain as an enduring monument to his memory was the founding of what is now the Illinois Charitable Eye and Ear Infirmary of which institution he was the head for thirty years. From 1859 to the time of his death he was connected

with Rush Medical College, from 1869 to 1898 as professor of Ophthalmology and Otology, and from 1890 to 1898 as president of the college. On his seventieth birthday he resigned and was made professor emeritus.

The briefest recital of the main facts in President Holmes's career indicates that he was a man of deeds and that from the view-point of work accomplished he was eminently successful. It was often a matter of surprise to those who first saw him to know that in this plain man of quiet manner, simple speech, and retiring modesty they saw the renowned oculist whose learning and skill were recognized throughout the country. Dr. Holmes accomplished much because having been well trained at the outset he pursued later a definite course unswervingly and patiently until the end in view was reached. Without ostentatious display, with nothing of the dramatic in his writings, his lectures, or his clinical teaching, he worked steadily and persistently. The foundation of the man's success was a noble character. There was nothing of deceit or of dishonesty in him. He was equally plain and straightforward. He had as a great element of strength a store of reserve force. In his lectures one realized that he was telling not all he knew but all he thought was best for the listener to be told. He possessed cultivation and refinement, was a great lover of music and an accomplished linguist, was well informed on a great variety of topics, a fine conversationalist, a loved friend and neighbor. It has been said of him that he never forgot. These characteristics joined to perseverance and integrity of character enabled him to reach the eminence he attained and to command the respect of all who knew him.

When he resigned from the faculty and was presented with a loving cup at the Commencement dinner of the year 1898, all felt that it was more than a mere formal ceremony, his colleagues realized that they were honoring themselves more than Dr. Holmes in drinking with him from this sacred beaker of fellowship. It will be many years before the sweet influences of his quiet nature shall cease to be felt. Of him it may be truly said that the world is the better for his having lived in it.

V. THE NEW ORGANIZATION OF THE CURRICULUM IN RUSH MEDICAL COLLEGE.

REQUIREMENTS FOR ADMISSION AND THE ANNUAL ANNOUNCEMENT FOR 1900–1901.

The requirements for admission to the Freshman class of Rush college, after July 1, 1900, will be the same as those for admisson to the Junior college (Freshman class) of the University of Chicago. An explicit statement of these requirements, together with full information in regard to the faculty, buildings, and equipment; requirements for admission to advanced standing; the requirements for graduation; fees, and deposits; estimated cost of attendance; departments and courses of instruction; fellowships, hospital internes, and prizes; required text-books; and a list of the students in attendance during the session of 1899–1900, is contained in the Annual Announcement for 1900–1. This may be obtained at the college office or it will be sent to anyone on application by mail to the college.

THE CONTINUOUS SESSION. (QUARTERLY SYSTEM.)

At a meeting of the faculty, held in February 1899, it was decided to adopt the quarterly system in vogue at the University of Chicago, and also to introduce a considerable number of elective studies into the junior and senior years of the medical curriculum. Some apprehension was entertained as to the outcome of these innovations, but the experience of the college, since their adoption July 1, 1900, has confirmed the wisdom of these changes, and all apprehension as to the possible difficulties has been allayed.

The medical branches lend themselves with especial facility to subdivision into such courses as are required under the quarterly system. In most of the branches, the study of which is extended over two or more quarters, it has been found easy to subdivide in such a way that a student may begin their study with advantage at the beginning

of any quarter, commencing with Courses 2 or 3, for example, of any branch, quite as advantageously as with Course 1. This reduces the necessity of duplication of courses to a minimum.

The continuous session presents the same advantages in medical colleges as in the institutions of general learning. It is as wasteful to allow a large educational institution, with expensive buildings and equipment to lie idle for three or four months in the year as it would be for a manufacturer to allow an expensive plant to remain idle during a corresponding period. Many students who are obliged to pay their own way and to spend some part of the year in earning money for this purpose, find it a great convenience to spend the summer months in study, because they can more readily obtain employment, especially as teachers, during the Autumn and Winter seasons of the year. The proportion of men who are thus benefited, is larger among medical students than among the undergraduate students in the college courses. The Summer Quarter has proven of especial value, moreover, to students of the Junior and Senior years, because of the abundance of clinical material available during the summer months. The Dispensary *clientèle* during this season, presents cases illustrative of many diseases which are not to be seen at other seasons of the year.

Not the least conspicuous advantage of the quarterly system, is the concentration of courses to which it leads; fewer branches being taken up at one time, more hours per week being devoted to each of these. A course of study occupying only one or two hours a week throughout the year is much less thorough and effective than a course occupying six or eight hours a week for one quarter. It has been the uniform testimony of the students of the college, and of the members of the faculty, during the last session, that the more compact and concentrated courses outlined under the quarterly system, have been more enjoyable and profitable than those formerly in vogue.

THE ELECTIVE SYSTEM.

During the current session, about one third of the branches of the Junior and Senior years have been elective. In view of the fact that this plan was new, both to the members of the faculty and with few exceptions, to the student body, the readiness with which they adapted themselves to it, and the discretion and good judgment displayed by the students in filling out the registration cards, has been very gratifying. The increased enthusiasm and interest which was anticipated under this system, has been fully realized and not less among the members of the faculty than among the students. Stimulated by the thought that students registering for a particular course had done so voluntarily, and not by the compulsion of college rules, some of the teachers of the faculty have been animated, as it were, by a new spirit, and some of the branches, especially those of a clinical nature, which were formerly poorly attended, and from which students were constantly seeking to be excused, have been largely attended and the students have signified, in an emphatic manner, their appreciation of the change in the character and efficiency of the teaching.

The fear which had been expressed in regard to the elective system, that students would seek to specialize and would concentrate their energies upon certain lines, to the neglect of others, has proven to be quite groundless. There are several efficient safeguards against this abuse.

1. The veto power of the dean, or other officer, whose approval of the student's registration card is necessary before he can enter upon the courses chosen. It is the business of this officer to consult with the student and to see to it that he selects his work judiciously, so as to insure a broad, thorough training.

2. In the requirements for graduation it is specified that when the student presents himself for the degree, he must present evidence of having taken a minimum amount of work in each of the essential branches.

3. A thorough, final examination; written, oral,

and practical is to be given in each of the practical departments when the student comes up for graduation. Each student must see to it, therefore, that the courses which he elects are such that will prepare him to stand this rigid examination. There will be little temptation, therefore, to elect work under teachers who are supposed to be more lenient in their teaching methods than others.

Last, but not least, is the common sense and good judgment of the student himself, which faculties are prone to underestimate. The average age of the students in Rush Medical College is about twenty-four years. A large proportion are college-bred men. They are fully alive to the fact that the successful practitioner in medicine, even though he may ultimately limit his practice to some special line, must have a broad, thorough training in all the departments of medicine, and the experience of the past year has shown that they elect their courses with this end in view. This very act of election with the introspection which it necessitates on the part of each student, that is to say, the careful study of his own ability and needs, and the adjustment of the curriculum to meet them, is an educational resource of no mean value.

The authorities of the college have been so well satisfied with the results of the elective system during the past year, that at the last meeting of the faculty it was unanimously decided that all of the work of the Junior and Senior years be made elective after July 1, 1900.

Under the safeguards above mentioned, it is believed that this plan is free from the dangers of undue specialization in the college course, and that under its broad freedom the many advantages of the elective system will be realized in the fullest possible manner.

VI. THE EXAMINATION PROBLEM.

For what do examinations stand ?

It makes little difference in what department of social activities this inquiry is made, conclusion must be contingent upon the character of the examiner.

Wholesale denunciation of examinations implies general discredit of examiners, while implicit reliance upon the efficacy of the test, assumes wisdom and jurisdiction upon the part of the examining body, possible only in the rarest instances.

More and more the purpose of examination, of all sorts, becomes practical, in an effort to further the administration of various functions.

Examinations are a part of the machinery of affairs, clumsy to be sure, but aspiring to a certain utility. Gradually is thus displaced the odious comparative examination, whose end is vanity and strife.

With all improvement in spirit, however, the examination scheme is imperfect, and its shortcomings become a reproach, when the test fails to reasonably determine the conditions with reference to which it was invoked.

Upon this proposition a huge percentage of all examinations will be open to criticism. From the civil service to the highest literary planes, the failure of examinations, as held, to fairly determine the essential facts, is admitted.

From the view-point of medical educators, the problem is increasingly important.

Only those in close touch with the work, fully realize the complexity of the readjustments in medical education.

Two main factors in the evolution are operative :

1. The education which it is possible to give is inexpressibly broader and better than heretofore.

2. The demand that society makes for the best is slowly being felt.

Under existing conditions the difficulty lies in the determination of the fact as to an individual's professional equipment.

The school essays this task, in its curriculum. How efficiently depends upon its methods, but in not the minority of cases too perfunctorily.

Society, recognizing the formal character of school certificates, attempts to review this report, and with lamentable lack of ideal results.

The whole picture would be grotesque, were it less grave.

State examinations, at times corrupt, always superficial, and upon lines not practical, serving to legitimize a vast group of people and practices, the exponents of the worst in medical preparation, in turn find the vulnerable spot in even the best of schools, and expose to criticism, more or less merited, the value of the stamp which the diploma represents.

We criticise with absolute truth the inadequacy of the efforts of medical licensing boards. We charge that the total restriction of irregular instruction and practice is nominal and a disappointment.

The rejoinder that they at least reject some of our graduates is to the point, if not conclusive.

The essential flaw is in the method employed by schools and boards.

The methods in vogue are in great part due to the fact that the work undertaken is in excess of the facilities at command.

Only by the most rigid current scrutiny can a school gauge the progress of its students.

Except it examine and cull constantly through its course, its final inspection must be hopelessly faulty. The point most at issue today is, with thorough methods during the course, how much is left for the final examination.

Opinions will vary upon this point, but it must be conceded that the following change will occur:

Elementary, scientific branches will be more and more presented in academic surroundings. The so-called "premedical courses" will grow rapidly.

Directly as the distinction between scientific and applied studies becomes sharper, will the type of final examination change.

Soon its formality must be merged in the most practical inquiry which can be made.

The final examination should be not only crucial; it should be fairly representative of the capacity of the student to use his knowledge. Methods for this determination are yet to be devised, but the revolution is at hand.

It will not do that the best power to acquire facts shall pass for the best knowledge. The relation of facts to their utility is the test of technical education. The examination must fit this reform.

At this point appears the necessity of harmony of plan between the educating bodies and the licensing bodies. They should not be antagonistic, nor even mutually corrective. They should be coördinate.

A good school cannot afford to mold its policy with reference to any licensing body, yet its interests are at stake. The dangers from caprice are fortunately small, but the imposition upon graduates broadly, practically, thoroughly trained, of an examination of purely technical character certainly is a misfortune and perhaps a peril.

Quite beside this point, but of vital importance to the utility of licensing bodies, is the result at large of their methods.

A fair student can pass almost any examination by such boards upon mere memorizing of available literature. He need hardly have entered a medical school. To safeguard this opening, the requirement is that the candidate possess a diploma.

And whence this diploma? From legally incorporated schools; which means as nearly no restriction as is conceivable. The licensing boards cannot correct it. Their only means of meeting it is to make examinations that will be practical tests.

At this day the possibilities in that direction are limited. The organization, facilities, and stability of such bodies are not adequate. Until, however, that mark can be reached, which divides the formal from the genuine, the labors of the public censor must remain lame and insufficient.

So far as we can see, the hope lies in the growth of truer methods of education, with its inevitable reflex upon the methods of public examiners.

Given accord between the most enlightened colleges and the state examiners the spurious material will be rejected, but let not the world of educators fail to see that upon it lies the burden of demonstration.

VII. THE LIBRARY.

Preliminary steps toward establishing a library were taken in the autumn of 1898. Rooms were secured and fitted up in the large building west of the laboratory. The nucleus of the library was formed by a number of complete files and miscellaneous books previously donated to or purchased by the Department of Pathology. Among the files were the *Index Medicus;* the *Index Catalogue* of the Surgeon-general's Library in Washington; the *American Journal of the Medical Sciences.* Beginning with January 1, 1899, regular subscriptions were entered for about 130 periodicals in the English, German, French, Italian, Scandinavian, Russian, and other languages. Gradually the number of periodicals has increased to 140. The library has been favored from the beginning by donations from members of the faculty, alumni, and friends of the college, and medical publishers. At present the list of donors, large and small, includes over fifty names. The largest single acquisition is the Allen collection, given the Presbyterian Hospital by the late J. dams Allen, a former president of Rush College, and transferred August 17, 1899, to the Rush Library through the kindness of the managers of the hospital and of Mr. Charles L. Allen, the donor's son and a past and prospective contributor to the collection. This collection numbers 1410 volumes. Professor H. M. Lyman has given about 400 volumes; Dr. W. H. Cook, of Caffeen, Ill., 140 volumes; Professor H. C. Wood, of Philadelphia, 88 volumes. The present state and degree of usefulness of the library are seen in the last monthly report (April 1900) of the attendant in the library:

Accessions	4235
Unbound volumes	459
Odd periodicals	5563
Current periodicals	140
Pamphlets	502
Books consulted	1394
Readers	1073

There is a large list of duplicates, and steps are now being taken to effect exchanges through the medium of the Association of Medical Librarians. The rapid growth of the library and the increasing number of its readers have made the present quarters insufficient at a much earlier period than was expected.

VIII. THE STUDENTS OF RUSH MEDICAL COLLEGE.

ATTENDANCE.

Summary of the students in attendance by quarters during the session of 1899–1900:

SUMMER QUARTER.		
Freshman class	23	
Sophomore class	15	
Junior class	29	
Senior class	84	
Postgraduates and special students	5	
		156
AUTUMN QUARTER.		
Freshman class	194	
Sophomore class	204	
Junior class	215	
Senior class	231	
Postgraduates and special students	51	
		895
WINTER QUARTER.		
Freshman class	179	
Sophomore class	208	
Junior class	213	
Senior class	231	
Postgraduates and special students	72	
		903
SPRING QUARTER.		
Freshman class	172	
Sophomore class	202	
Junior class	215	
Senior class	193	
Postgraduates and special students	74	
		856

The total number of different students who have been in attendance during the session is shown by the following summary:

In the Freshman class	194	
In the Sophomore class	228	
In the Junior class	219	
In the Senior class	247	
As postgraduates and special students	205	
		1093

HOSPITAL INTERNES FROM THE CLASS OF 1900.

The following students have secured interneships, by examination and appointment, during the Spring Quarter. The duration of service on these interneships varies from one to two years.

Bachellè, C. V.,	German Hospital.
Benson, E. O.,	Augustana Hospital.
Bland, N. W.,	Chicago Hospital.
Bohan, P. T.,	Alexian Brothers.
Brockway, P. B.,	Champion Hospital.
Conway, J. L.,	St. Elizabeth's Hospital.
Danielson, K. A.,	Norwegian Tabitha Hospital.
Duncan, H.,	Norwegian Tabitha Hospital.
Farr, R. E.,	St. Mary's Hospital,
Flynn, J. P.,	Minneapolis, Minn.
Friedman, J. C.,	Cook County Hospital.
Gattrell, C. J. N.,	Illinois Steel Company's Hospital.
Gollmar, A. H.,	Alexian Brothers' Hospital.
Herbst, R. H.,	St. Joseph's Hospital.
Holman, C. J.,	Policlinic.
Iden, Edgar H.,	Silver Cross Hospital, Joliet, Ill.
Jones, H. G.,	City Hospital, Stillwater, Minn.
Kleinman, E. W.,	Presbyterian Hospital.
Kovats, F. C.,	St. Joseph's Hospital.
La Force, F. E.,	Illinois Eye and Ear Infirmary.
Loeb, Leo,	Cook County Hospital.
Loomis, P. A.,	Presbyterian Hospital.
Lynam, T. P.,	St. Joseph's Hospital.
McLaughlin, G. L.,	St. Anthony's Hospital.
McDonald, Charles,	Chicago Baptist Hospital.
Morris, T. B.,	Illinois Steel Company's Hospital.
Mulroney, Charles A.,	Chicago Marine Hospital.
Murray, F. G.,	Presbyterian Hospital.
Nelles, Howard W. H.,	St. Mary's Hospital, Evansville, Ind.
Richards, J. R.,	Leads, S. D., Hospital.
Roberg, O. T.,	Presbyterian Hospital.
Roehler, Henry D.,	Chicago Lying-in Hospital.
Rogers, G. W.,	Chicago National Emerg'cy Hospital.
Senn, W. N.,	Presbyterian Hospital.
Sheldon, W. H.,	St. Luke's Hospital.
Smith, J. F.,	Presbyterian Hospital.
Tallman, C. C.	Red Cross Hospital.
Thorsgaard, C. L.,	Presbyterian Hospital.
Timerman, H. E.,	Alexian Brothers.
Titus, J. H.,	Chicago Policlinic.
Tyndale, W. R.,	Cook County Hospital.
Vernon, H. S.,	Policlinic.
Watson, Halford A.,	Lakeside Hospital, Chicago.
Wilcox, William S.,	St. Mary's Hospital, Marshfield, Wis.

IX. RUSH MEDICAL SOCIETY.

At the commencement of the Winter Quarter, 1900, a meeting of Senior and Junior students was convened to consider the advisability of instituting a Medical Society in the College.

It was addressed by Professor Webster who spoke of the beneficent influence exerted by such societies in other institutions with which he was familiar.

He referred in particular to the oldest students' medical society in the world, the Royal Medical Society of Edinburgh, Scotland, which has had a flourishing existence for more than 150 years.

He pointed out that Benjamin Rush, after whom Rush Medical College was named, was an active member of this society during his medical course in the Scottish capital. It was there that he read his first paper *De Coctione Ciborum in Ventriculo*, which was his graduating thesis in the University of Edinburgh in 1768.

Long afterward, when Rush had become distinguished in the city of Philadelphia, his old Edinburgh society elected him an honorary member.

After Professor Webster had spoken, it was unanimously decided to form a medical society in Rush College.

A committee was appointed to draw up a constitution which was adopted at another meeting.

The following officers were elected:

Honorary President — Professor John Clarence Webster, F.R.C.P. (Edin.), M.D.
President — Joseph Franklin Smith, B.S.
Senior Vice President — Charles Day Shuart, B.S.
Junior Vice President — John S. Fox.
Senior Secretary — David Fiske.
Junior Secretary — Thomas J. Lamping.
Treasurer — William Healy, Jr., A.B.
Reporter — Martin H. Fischer.
Pathologist — N. W. Jones.
Councilmen — Professor E. Fletcher Ingals, A.M., MD.; Professor Arthur Dean Bevan, M.D.; Oscar A. Dahms.

The objects of the society as stated in the constitution are:

1. To hold meetings, when medical and allied topics may be fully discussed, papers and communications read, and addresses and readings given.

2. To support and manage a Reading Room for the use and benefit of members of the Society.

3. To promote all such subjects as shall further conduce to the mental benefit and improvement of its members and to the advancement of Medical Science.

The Society membership is made up of three classes: (1) ordinary members; (2) extraordinary members; (3) honorary members.

1. The ordinary members shall consist of the senior and junior members of Rush Medical College, who shall be duly elected.

2. The extraordinary members shall consist of graduates of Rush Medical College and members of the teaching staff, who shall be duly elected.

3. The honorary members shall consist of those who, as a recognition of great services in the cause of medicine and surgery, have been regularly elected as such.

The Society began work with 124 charter members and since the beginning of March have successfully carried out the following programme of work:

I. MARCH 2, 1900.

1. Paper—"The Development of the Nervous System." Wm. Healy, Jr., '00.
2. Paper—"The Formation of Diverticuli in the Intestines." Martin H. Fischer, '01.
3. Paper and Demonstration—"The Physics of the X Ray." Joseph F. Smith, '00.

II. MARCH 16, 1900.

1. Paper—"The Examination of Gastric Contents." C. S. Woods, '00.
   Discussion—F. F. Tucker, '01.
2. Paper—"Spondylitis." George W. Rogers, '00.
   Discussion—F. M. Wood, '01.
3. Demonstration of Eye Sections. Dr. Brown Pusey.

III. CLINICAL MEETING. APRIL 6, 1900.

1. A Case of Exfoliative Dermatitis. C. M. Gleason, '01.
2. A Case of Atrophic Cirrhosis of the Liver with Varicose Veins of the Oesophagus. F. G. Murray, '00.
3. The Evolution of Forceps. Professor J. C. Webster.

IV. APRIL 20, 1900.

1. Paper—"Pedigree of the Human Race." O. A. Dahms, '00.
   Discussion—W. B. Gulick, '01.
2. Paper—"On the Presence of Virulent Tubercle Bacilli in the Healthy Nasal Cavity." N. W. Jones, '01.
   Discussion—J. H. Bartley, '00.
3. Paper—"The Prescription Pharmaceutically Considered." F. H. Powers, '00.
   Discussion—J. C. Beck, '00.

V. MAY 4, 1900.

Debate—"Should all cases of appendicitis be operated as soon as the diagnosis is made?"

Affirmitive: Ralph Graham, '00; G. A. Ernst, '01.

Negative: B. F. Simon, '00; F. P. Boyd, '91.

General discussion.

Judges: Professor Arthur Dean Bevan, Professor James B. Herrick, Professor Ludwig Hektoen.

VI. MAY 18, 1900.

1. Paper—"Hypnotic Suggestions." W. L. Burnap, '01.
   Discussion—F. G. Swedenborg, '00.
2. Demonstration—"Tumors of the Thyroid Gland." Dr. H. G. Wells.
3. Paper—"The Beginnings of Medicine." Charles D. Shuart, '00.

VII. JUNE 15, 1900.

1. Paper—"The Transmission of Infectious Diseases Through the Air." C. V. Bachelle, '00.
   Discussion—J. W. Shafer, '00.
2. Lecture—Professor Christian Fenger.

VIII. JUNE 15, 1900.

1. Closing Address—Professor John Clarence Webster.
2. Annual election of officers.

X. THE ALUMNI OF RUSH MEDICAL COLLEGE.

The Alumni Association of Rush Medical College has a membership of between 400 and 500. All graduates are eligible to membership upon the payment of the yearly dues of $1.50. Meetings are held annually during commencement week; there is an annual meeting for the election of officers, a scientific meeting for which papers are contributed by the Alumni, an annual dinner, and other exercises consisting of clinics, social gatherings, etc. An Alumni Fellowship fund has been inaugurated and some contributions have already been made by members of the Association. This fund is deposited in the Illinois Trust and Savings Bank, and contributions are solicited from the Alumni. The officers for the present year are the following:

Dr. E. T. Goble, '74, Earlville, Ill., President.

Dr. John B. Hench, '83, Hinsdale, Ill., 1st Vice President.

Dr. J. C. Reynolds, '70, Lake Geneva, Ill., 2d Vice President.

Dr. John Edwin Rhodes, '86, 34 Washington St., Chicago, Secretary-Treasurer.

Dr. J. E. Raycroft, '99, Chicago, Ill., Assistant Secretary.

Dr. E. S. Detweiler, '88, LaGrange, Ill., Necrologist.

Dr. Charles J. Whalen, '92, Chicago, Ill., Editor of Alumni Department of *Corpuscle*.

The following is the programme from Tuesday, June 19, to Thursday 21, of the present year:

Tuesday, June 19, at 10:00 A.M., a Gynecological clinic will be given by Professor J. Clarence Webster in the upper amphitheater.

At 3:00 P.M., Class Day Exercises of the class of 1900 will be held in the upper amphitheater, as follows:

Prayer - - -	T. J. N. Gatrell.
Address - - -	Professor Frank Billings.
Vocal Solo - -	E. O. Benson.
Class History - -	David Fiske.
Piano Solo - -	C. P. Aling.
Class Poem - -	Robert Bachman.
Vocal Solo - -	Robert Hardie.
Class Prophecy - -	J. V. White.
Presentation of Class Tablet,	O. A. Dahms.
Acceptance of Class Tablet,	Faculty.
Song, "America" -	Class of 1900.

Wednesday, 9:00 A.M., a Surgical Clinic will be held in the Presbyterian Hospital by Professor Arthur Dean Bevan.

At 10:30 A.M. will occur the annual Scientific Meeting of the Alumni. Papers will be read as follows:

"Suggestions Relative to Treatment of Syphilis."
Dr. C. Travis Drennen, '85, Hot Springs, Ark.

"The Importance of Little Things, Contributing to Physical Well Being."
Dr. B. B. Griffith, '82, Springfield, Ill.

"The Physician as a Business Man."
Dr. F. C. Honnold, '96, Riverside, Ill.

"Surgery in Country Practice."
Dr. P. Daugherty, '86, Junction City, Kans.

"The Treatment of Uterine Retro-dislocations."
Dr. S. G. West, '90, Chicago, Ill.

12:00 M., Annual Meeting of the Alumni Association, immediately following the Scientific Meeting.

12:30 P.M. a luncheon will be served to the visiting Alumni in the laboratory building.

2:00 P.M. a surgical clinic by Professor Nicholas Senn.

At 8:00 P.M. the annual theater party will take place at the Studebaker, the opera "Fra Diavolo" being the attraction for the evening.

Thursday, June 21, at 9:00 A.M., a clinic on Nervous and Mental Diseases will be given by Professor Daniel R. Brower at the Cook County Hospital.

10:00 A.M. a medical clinic will be given in the upper amphitheater by Professor Frank Billings.

At 2:00 P.M. the Commencement Exercises will be held at Studebaker Hall. The annual address will be delivered by Professor W. W. Keen, of Philadelphia.

At 8:00 P.M. the banquet will be held at the Auditorium Hotel. A reception will take place in the parlors at 7:00 o'clock, immediately preceding the banquet. At the latter Professor Henry B. Favill will preside. There will be addresses by Professor Albion W. Small, University of Chicago; Professor Stanley Coulter, of Purdue University, LaFayette, Ind.; Professor W. W. Keen, Philadelphia, Pa.; Professor J. Clarence Webster, Dr. E. O. Benson, class of 1900, and President William R. Harper, University of Chicago. The music will be furnished by members of the graduating class and the Tommaso Mandolin Orchestra.

XI. LIST OF PUBLICATIONS.

BY THE MEMBERS OF THE FACULTY OF RUSH MEDICAL COLLEGE DURING THE PAST YEAR.

NORMAN BRIDGE.

1. "The Penalties of Tastes and other Essays." Small octavo; pp. 164. H. S. Stone & Co., Chicago.

2. "Dangerous Pulmonary Hemorrhage and its Management, *Journal of the American Medical Association*, March 10, 1900.

3. "The Psychology of the Practice of Modern Surgery," *Southern California Practitioner*, May, 1900.

DANIEL R. BROWER.

1. "The Medical Aspects of Crime." Oration on State Medicine before Fiftieth Annual Meeting of American Medical Association, Columbus, Ohio, June 6 to 9, 1899. *Journal of American Medical Association*, June 10, 1899.

2. "Cerebral Paralysis." Address delivered before the Mitchell District Medical Society at West Baden, Ind., June 22, 1899. *Medical and Surgical Monitor*, Indianapolis, July, 1899.

3. "Cerebral Meningitis." Address delivered at Cooper Medical College, San Francisco, Cal., July 11, 1899. Unpublished.

4. "The Organ of Mind." Public address, Humboldt School, Chicago, February 16, 1900. Published in abstract in Chicago *Record*, February 17, 1900.

5. "The Colony Treatment of Epilepsy." Public address at the Conference of State Board of Charities at Bloomington, Ill., November 2, 1899. Published in *Transactions of Illinois State Board of Public Charities.*

6. "The Life and Times of a Great Physician of the First Century (St. Luke)." Address to medical students at Epiphany Church, Chicago, December 11, 1899. Unpublished.

7. "Progress in Medicine and Medical Education." Doctorate address at the Commencement of School of Medicine, Georgetown University, D. C., May 21, 1900. To be published in *University Journal* for June.

8. "A Newer Pathology of Epilepsy." A paper read before Illinois Medical Society, May 16, 1899. *Illinois Medical Journal*, Ottawa, July, 1899.

9. "The Legal Restriction of Marriage for Prevention of Pauperism, Crime, and Mental Diseases." A paper read before American Medical Association, Fiftieth Annual Meeting, Columbus, Ohio, June 6, 1899. The *Journal of American Medical Association*, March 3, 1900.

10. "Further Observations on the Therapeutics of the Chlorid of Gold and Sodium." A paper read before American Medical Association, Fiftieth Annual Meeting, Columbus, Ohio, June 6, 1899. The *Journal of American Medical Association*, November 25, 1899.

11. "Asexualization as a Possible Prophylactic of the Increase of Crime, Idiocy, and Insanity." The Philadelphia *Medical Journal*, November 11, 1899.

12. "Spinal Congestion, Headache, Progressive Muscular Atrophy, Meningitis." The *Clinical Review*, Chicago, September, 1899.

13. "Medical Observation on Hawaiian Islands." A paper read before the Chicago Neurological Society, December 4, 1899. Published in abstract in *American Neurological Journal.*

14. "Chorea and Allied Diseases." The *Medical Standard*, Chicago, February, 1900.

15. "Syringomyelia, Neurasthenia, and Facial Paralysis." The *Doctor's Magazine*, Chicago, March, 1900.

16. "A Neurological Clinic." The *Clinical Review*, Chicago, March, 1900.

17. "The Epileptic Colonies." A paper read before the Illinois State Medical Society, May 17, 1900. *Virginia Medical Journal*, June, 1900.

A. I. Bouffleur.

1. "The Essential Causative Elements in Uterine Prolapse and Treatment." Delivered before Northern Peninsula Medical Society, Calumet, Mich., July 6, 1899.

2. "Splanchnoptosis, A General Consideration of Abdominal Ptosis." Annual address before Kansas City Academy of Medicine. To be published in Kansas City *Medical Journal.*

3. "Principles *versus* Methods in Surgery." The *Railway Surgeon*, 1900.

4. President's Annual Address. International Association of Railway Surgeons, May 29, 1900. To be published in the *Railway Surgeon.*

5. "Goitre." *Medicine*, 1899.

6. "Fibrosarcoma (Desmoid Fibroma) of the Abdominal Wall, with Case of Successful Removal and Repair of Defect in Abdominal Wall." *Annals of Surgery and Journal of the American Medical Association*, 1899.

7. "Hepatoptosis. A critical review of the causation, pathology, diagnosis, and treatment, with report of a successful case." Read before Illinois State Medical Society, May, 1900.

Frank Billings.

1. "Pneumococcus Infection." Read before Kalamazoo, Mich., Academy of Medicine, January 9, 1900. *Western Clinical Recorder*, March, 1900.

2. "The Treatment of Typhoid Fever." Chicago Society of Internal Medicine, February, 1900. *Journal of the American Medical Association*, February, 1900. The Philadelphia *Medical Journal*, March 3, 1900.

3. "The Treatment of Typhoid Fever." *International Medical Magazine*, April, 1900.

4. "Report of Cases of Pernicious Anemia with Special Reference to the Blood Findings." Read at the meeting of the Association of American Physicians, Washington, May 6, 1900.

W. T. Belfield.

1. "Section on Genito-Urinary Diseases and Syphilis." *Progressive Medicine*, 1899. Lea Bros. & Co.

2. "Section on Genito-Urinary Diseases." *Hare's Therapeutics.* Lea Bros. & Co.

3. "Some Therapeutic Observations." Chicago *Medical Recorder*, April, 1900.

F. S. Coolidge.

"Early Diagnosis of Hip-joint Disease." Paper before the Chicago Academy of Medicine, 1899.

A. C. Cotton.

1. President's Address. Chicago Pediatric Society. 1899.

2. "Study of Pediatrics." Annual Meeting Will County Medical Society, Joliet, Ill., 1900.

3. "Septic Conditions in Some of the Acute Infectious Disorders of Children." Pediatric Section American Medical Association, Columbus, Ohio, 1899.

4. "Congenital Extroversion of the Bladder." American Pediatric Society, Deer Park, Md., 1899.

5. "A Case of Heart Lesions," with illustrations. American Pediatric Society, Deer Park, Md., 1899.

6. "A Fatal Case of Anuria," with illustrations. Archives of Pediatrics, 1900.

7. "Hygiene of Early Infancy." *Doctor's Magazine*, 1900.

8. "Care of School Children." Public Lecture, Anderson School Hall.

9. "Rheumatism in Infancy and Childhood." *Medical Standard*, 1899.

10. "Physiology and Hygiene of Early Infancy." Address

at Annual Meeting, Fox River Valley Medical Society, Elgin, Ill.

11. "Jeremiah xxxi, 15." Public address, Annual Meeting State Medical Society, Springfield, Ill., 1900.

12. "Relation of Congenital Cardiac Malformation to Anuria," with illustrative cases. Congress of Physicians and Surgeons, Washington, D. C., 1900.

13. "General Subcutaneous Emphysema in Children." Congress of Physicians and Surgeons, Washington, D. C., 1900.

14. "Lessons on Anatomy, Physiology, and Hygiene of Infancy and Childhood." A text-book with 100 illustrations. Chicago Medical Book Company.

T. R. CROWDER.

1. "A Contribution to the Pathology of Chronic Hyperplastic Tuberculosis of the Cecum, based upon the Study of two Cases, in one of which Carcinoma of the Cecum coëxisted." *Transactions of the Chicago Pathological Society*, 1900, Vol. III, p. 241.

2. "Fenestration of the Pulmonary Valves; Rudimentary Fourth Valve to Supply the Defect. *Transactions of the Chicago Pathological Society*, 1900, Vol. III, p. 156.

3. "Tuberculous Lymphadenitis with the Clinical and Pathological Picture of Pseudoleukaemia: The Study of a Case." Read before the Chicago Pathological Society. Will appear in its *Transactions*, Vol. IV.

4. "Report of a Case of Epidemic Cerebrospinal Meningitis, with Specimens. Read before the Chicago Pathological Society. Will appear in its *Transactions*, Vol. IV.

JOHN M. DODSON.

"The Elective System in Medical Education." Address delivered before the Association of American Medical Colleges, June 1899. *Bulletin American Academy of Medicine.*

"On the University Spirit in Medical Education." Address delivered before the Milwaukee Medical Society in March.

J. B. DIAMOND.

1. "Cysticercus Cellulosae of the Brain and Cord." *Journal of the American Medical Association*, 1899, and *Transactions of Chicago Pathological Society*, 1900, Vol. III.

2. "Amebic Dysentery." *Philadelphia Medical Journal*, 1900.

CHRISTIAN FENGER.

1. "Enteroplastic Operation to Overcome or Prevent Stenosis, with Special Reference to the Spur in Preternatural Anus." The *American Journal of the Medical Sciences*, April, 1899.

2. "Eversion or Turning Inside Out of the Sac of a Cystonephrosis as an Aid in Operating upon the Renal End of the Ureter and upon the Partition Walls between Dilated Calices." The *American Journal of the Medical Sciences*, July, 1899.

3. "Diseases of the Kidney, Amenable to Surgical Treatment." *Dominion Medical Monthly*, and Ontario *Medical Journal*, Vol. XIII, No. 5, 1899; and the *Clinical Review*, Chicago, November, 1899.

3. "Surgery of the Kidney." *International Text-book of Surgery*, 1900, Vol. II, pp. 575–609.

H. B. FAVILL.

1. Paper participating in general discussion of rheumatism. *Journal American Medical Association*, 1899.

2. Address before Wisconsin State Medical Society on "Rational Diagnosis." *Western Clinical Recorder*, June, 1899.

F. C. HOTZ.

1. "The Mutual and Intimate Relationship between the Eyes and Nervous System." Address before the Kansas State Medical Society at Topeka, May, 1899.

2. "Mucocele of the Ethmoidal Cells Simulating an Orbital Tumor."

3. "Total Symblepharon of the Upper Lid Relieved by Thiersch's Skin Grafting."

4. "Two Cases of a Peculiar Visual Perversion."

5. "Profuse Retro-choroidal Hemorrhage after Iridectomy for Chronic Glancoma."

JAMES B. HERRICK.

1. Concerning Kernig's Sign in Meningitis." Read before the Association of American Physicians, May, 1899. *American Journal of Medical Science*, July, 1899.

2. "Malignant Growths of the Liver." Clinical lecture. *Clinical Review*, February, 1900.

3. "Tuberculous Pleurisy." Clinical lecture. *Medical Standard*, March, 1900.

4. Notes on Diabetes: "On the Occurrence of Casts in the Urine in Diabetic Coma," and "On the Occasional Low Specific Gravity of Diabetic Saccharine Urine." Read before the Association of American Physicians, May, 1900. To be published in *American Journal of Medical Sciences.*

5. "On the Simulation of Abdominal Diseases by Pleurisy." Read before the Illinois State Medical Society, May, 1900.

6. Discussion on Nephritis. Chicago Medical Society, March, 1900. Chicago *Medical Recorder*, April, 1900.

7. Address before the Fox River Valley Medical Association at Elgin, May, 1899, on "Diseases of the Heart." (Not published.)

LUDVIG HEKTOEN.

1. "A Contribution to the Study of Blastomycetic Dermatitis." With James Nevins Hyde and A. D. Bevan. *British Journal of Dermatology*, No. 129, Vol. II.

2. "The Organism in a Case of Blastomycetic Dermatitis." The *Journal of Experimental Medicine*, 1899, Vol. IV.

3. "A Case of Blastomycetic Dermatitis of the Leg." The *Journal of the American Medical Association*, 1899.

4. "The Classification and Nomenclature of the Ray Fungi." The Philadelphia *Monthly Medical Journal*, November, 1899.

5. "The General Etiology of Actinomycosis." *International Clinics*, 1900, Vol. IV. (Ninth Series.)

6. Section on Pathology in Progressive Medicine, March, 1900. Lea Bros. & Co., Philadelphia.

7. "Refractory Subcutaneous Abscesses caused by the Sporothrix of Schenck." Paper at the meeting of the Association of American Physicians, Washington, May 1 to 3, 1900.

8. "Multiple Neurofibroma with Arthritis Deformans." With Robert B. Preble. Paper at the meeting of the Association of American Physicians, Washington, May 1 to 3, 1900.

9. "The Ray Fungi and the Actinomycelial Processes." Paper at the meeting of the Chicago Medical Society, May 9, 1900.

10. "The General Characteristics of Ray Fungi and their Relation to Certain Bacteria." New York *Medical Journal*, 1900, LXX, 811.

11. Editorial Supervision of Dürck's *Translation of Atlas and Epitome of Special Pathological Histology*. W. B. Saunders, Philadelphia, 1900.

JAMES NEVINS HYDE.

1. "A Practical Treatise on Diseases of the Skin" (in conjunction with Professor Frank H. Montgomery), 5th revised edition; pages 863. Lea Bros. & Co., Philadelphia, 1900.

2. "A Treatise on Syphilis and the Venereal Diseases" (in conjunction with Professor Frank H. Montgomery), 2d edition. W. B. Saunders, Philadelphia, 1900.

3. "Touching the Symptoms and Diagnosis of an Epidemic of Smallpox Prevalent in Some Portions of the United States: An Open Letter to the State Board of Health of Illinois." Published by the Illinois State Board of Health. Springfield, Ill., 1900.

4. "A Contribution to the Study of Blastomycetic Dermatitis" (in conjunction with Professors Ludvig Hektoen and A. D. Bevan). *British Journal of Dermatology*, No. 129, Vol. XI, with 7 illustrations.

5. "A Survey of Cases of Blastomycetic Infection of the Skin in Man." Presented to the American Dermatological Association, in connection with the Congress of American Physicians and Surgeons, held in Washington May 2, 1900. Illustrated by a lantern-slide exhibition, with photographs and microscopical preparations.

E. FLETCHER INGALS.

1. "Foreign body in the Oesophagus." Paper before the Chicago Laryngological and Climatological Society.

2. "Diphtheritic Paralysis, Syphilis Hereditaria Tarda," etc. Clinic. International clinics, 1899.

3. "Relation of Diseases of the Nose and Throat to Life Insurance." Read before the Chicago Society of Life Insurance Examiners.

4. "Aneurism of the Aorta" (Recovery). Paper before the Chicago Medical Society.

5. "Fibro-Lipomatous Tumor of Epiglottis and Pharynx." Read before the American Laryngological Association, 1899.

6. "Notification and Public Supervision of the Tuberculous." Paper before the Medico-Legal Society of Chicago, 1900.

7. "Relation of Pathological conditions of the Ethmoid region to Asthma." Paper before the American Laryngological Association.

8. "Thoracic Aneurisms — Difficulties in Diagnosis." Paper before the Chicago Medical Society.

9. "Diseases of the Nose and Larynx." (With Dr. H. G. Ohls.) The article in *American Year Book of Medicine and Surgery*, 1900.

10. "Diseases of the Nasal Chambers," etc. The article in Hare's *System of Practical Therapeutics*. (In press.)

11. "Diseases of the Chest, Throat, and Nasal Cavities." Fourth edition. (In press.)

B. M. LINNELL.

"Estimation of Hemoglobin. A Comparison of the Various Methods." The *Journal of the American Medica-Association*, July 1, 1899.

E. R. LECOUNT.

1. "Lymphoma. A Benign Tumor representing a Lymph-Gland in Structure. *Journal of Experimental Medicine*, 1869, Vol. IV, Nos. 5 and 6.

2. "A Case of Noma in an Adult, complicating Amebic Dysentery." *Transactions of the Chicago Pathological Society*, 1900, Vol. III.

3. "Report of a Necropsy in a Case of Acromegaly." (With L. J. Mitchell.) *Transactions of the Chicago Pathological Society*, 1900, Vol. III.

4. "Infection with the Streptococcus Pyogenes." (With A. C. Cotton.) *Transactions of the Chicago Pathological Society*, 1900, Vol. III.

5. "Cholesterine Giant Cells." Read before the Chicago Pathological society and to be published in its *Transactions*, Vol. IV.

6. "Primary Carcinoma of the Fallopian Tube." Chicago Gyn. Society, December 12, 1899.

7. "Benign Hypernephroma." Read before the Chicago Pathological Society and to be published in its *Transactions*, Vol. IV.

8. "Papilloma of the Gall Bladder." Read before the Chicago Pathological Society and to be published in its *Transactions*, Vol. IV.

9. "Primary Carcinoma of the Lung." Read before the Chicago Pathological Society and to be published it its *Transactions*, Vol. IV.

10. "A Lantern-Slide Demonstration of the Pathology of the Kidney." Chicago Medical Society, February 14, 1900. (Unpublished.)

JACQUES LOEB.

1. "Warum ist die Regeneration Kernloser Protoplasmastücke unmöglich oder erschwert?" *Arch. f. Entwickelungsmechanik*, Vol. VIII, 1899.

2. "Ueber die angebliche gegenseitige Beemflussung der Fürchungszellen und die Entstehung der Blastula." *Arch. f. Entwickelungsmechanik*, Vol. VIII, 1899.

3. "Ueber Ionen welche rhythmische Zuckungen der Skelettmuskelen hervorrufen." *Festschrift für Fick.* Braunschweig, 1899.

4. "Einleitung in die Vergleichende Gehirnphysiologie und Vergleichende Psychologie." Mit besonderer Berücksichtung der wirbellosen Thiere. Leipzig, 1899. Verlag. von Joh. Ambrosius Barth.

5. "On the Heredity of the Marking in Fish Embryos." Wood's Holl Biological Lectures. Boston, 1899.

6. "On the Nature of the Process of Fertilization and the Artificial Production of Normal Larvæ (Plutei) from the Unfertilized Egg of the Sea Urchin." *American Journal of Physiology*, Vol. III, 1899.

7. "The Poisonous Character of a Pure NaCl Solution." *American Journal of Physiology*, Vol. III, 1900.

8. "On the Different Effects of Ions upon Myogenic and Neurogenic Rhythmical Contractions and upon Embryonic and Muscular Tissue." *American Journal of Physiology*, Vol. III, 1900.

9. "On the Artificial Production of Normal Larvæ from the Unfertilized Eggs of the Sea Urchin." *American Journal of Physiology*, Vol. III, 1900.

10. "On Artificial Parthogenesis in Sea Urchins." *Science*, April, 1900.

FRANK HUGH MONTGOMERY.

A Treatise on Diseases of the Skin (in conjunction with Professor Hyde), Lea Bros. & Co., 1900.

A Treatise on Syphilis and the Venereal Diseases (in conjunction with Professor Hyde), Saunders & Co., 1900.

Three cases of Blastomycelie Infection of the Skin, one of them producing a tumor of the lower lip. *Amer. Derm. Assoc. Transactions*, May, 1900.

N. SENN.

1. "Medico-Surgical Aspects of the Spanish-American War." 1899.

2. New Edition. "Pathology and Surgical Treatment of Tumors." W. B. Saunders, 1900.

3. New Edition. "Principles of Surgery." F. A. Davis Co., 1900.

4. "Practical Surgery." W. B. Saunders, 1900.

5. "Excision of the Rectum for Carcinoma without Sacral Resection."

6. "Compound Fractures of the Skull." Address in Surgery before the Cleveland Medical Society.

7. "Compound Fractures." Address in Surgery before Ohio State Medical Society, 1900.

8. "The Roentgen Ray in Military Surgery."

9. "Transscapular Amputation."

10. "Empyema." Address before the Pittsburg Academy of Medicine.

11. "Restitution of the Continuity of the Tibia by Transplantation of the Patella."

12. "The First Aid Dressing in Military Surgery."

13. "A Compact Operating Case for Field Service."

BERTRAM W. SIPPY.

1. "Christian Science Viewed from a Medical Standpoint."

2. "Splenic Pseudoleukemia (Anemia Splenica; Splenomegalie Primitive) with the Report of a Case." *American Journal of Medical Sciences*, 1900.

3. "A Critical Summary of the Literature on Splenic Pseudoleukemia (Anemia Splenica; Splenomegalie Primitive." *American Journal of Medical Sciences*, 1900.

4. Address. Oakland Good Health Club, on "Christian Science."

J. H. SALISBURY.

1. "The Alkalinity of the Blood in its Physiologic and Pathologic Relations." *Medicine*, July, 1899.

2. "The Clinical Significance of Variations in the Amount of Urinary Solids." Chicago *Clinic*, August, 1899.

3. "The Early Diagnosis of Phthisis." Chicago *Clinic*, November, 1899.

4. "Acetonuria." *Western Clinical Recorder*, January, 1900.

5. "The Diagnosis of Chronic Gastritis." Chicago *Clinic*, February, 1900.

6. "A Clinical Lecture on the Value of Examinations of Stomach Contents as a Guide to Treatment." *Western Clinical Recorder*, May, 1900.

7. "Notes on Urinalysis." The *Corpuscle*, 1900.

J. C. WILLIAMS.

"Sarcoma of the Pericardium." New York *Medical Journal*, 1900.

WILLIAM H. WILDER.

1. "The Significance of Certain Eye-Symptoms in Brain Surgery." Address on Surgery, read at the annual meeting of the North Central Medical Association, at Mendota, December 5, 1899. Chicago *Clinical Review*, February, 1900.

2. "Extraction of Congenitally Dislocated Opaque Lenses," read at meeting of Chicago Ophthalmological Society, March 13, 1900. *Ophthalmic Record*, April, 1900.

3. "Value of Eye-and Ear-Symptoms of Brain Tumor," read at joint meeting of Chicago Medical and Chicago Neurological Societies, March 7, 1900.

4. "Two Unusual Cases of Choroidal Disease," read at the meeting of the American Ophthalmological Society at Washington, May 1, 2, 3, 1900. Published in *Transactions of the Society*.

5. "Syphilis of the Eye," read at the annual meeting of the Illinois State Medical Society, Springfield, May, 15, 16, 1900. Published in *Transactions of the Society*.

J. CLARENCE WEBSTER.

1. "Some Observations Regarding the Treatment of the Condition usually known as 'Anteversion' and 'Anteflexion.'" *International Clinics*, 1899.

2. Introductory Address to Session of 1899–1900, Rush Medical College. The *Corpuscle*, 1899.

3. "Intraperitoneal Hemorrhage Considered in Relation to Ectopic Gestation." *American Gynecological and Obstetrical Journal*, 1900.

4. "Affections of the Kidney in Relation to Pregnancy." *Journal of the American Medical Association*, 1900.

5. Selected Topics in connection with the Pathology of Delivery. Introductory Address at the Obstetrical and Surgical Section of the Illinois State Medical Society, May, 1900. *American Journal of Obstetrics and Diseases of Women and Children*, 1900.

GEORGE H. WEAVER.

1. "Diffuse Sarcoma of the Cerebral and Spinal Pia Mater." *Transactions of the Chicago Pathological Society*, 1900, Vol. III, pp. 32–42.

2. "Hemorrhage Into and About the Pancreas; Arterio-Sclerosis, Probably Syphilitic; Peculiar Location and Radiation of Pain." *Transactions of the Chicago Pathological Society*, 1900, Vol. III, pp. 176–178.

3. "Hepatic Cirrhosis in the Guinea Pig Produced by Inoculation with Bacillus." *Transactions of the Chicago Pathological Society*, Vol. III, pp. 228–235 : and in "Contributions to the Science of Medicine" by the Pupils of William H. Welch, 1900.

REPORTS OF ACTIONS OF UNIVERSITY RULING BODIES FOR MAY, 1900.

1. The Board of the University Press:

Meeting of May 19.— 1) H. E. Davies was permitted to print his doctor's thesis in the *Journal of Experimental Medicine* on the usual conditions.

2. The Board of University Affiliations:

Meeting of May 12.— 1) The High Schools of Cedar Rapids, Ia., and Ottumwa, Ia., accepted as coöperating schools.

3. The Board of Student Organizations, Publications, and Exhibitions:

Meeting of May 12.— 1) Action of committee in suspending the publication of the *Daily Maroon* approved. 2) Committee appointed to consider petition of Senior College recommending change in the rule governing membership in secret fraternities reported disapproval of any change at present. Report adopted. 3) Rule governing participation in oratorical and debating contests modified by adding the words "it being understood that this applies only to winners of the first prize." This modification to go into effect October 1, 1900.

Meeting of May 19.— 1) Messrs. Iddings and Castle added to committee on Musical Organizations. 2) The following report of a committee on membership in University houses was adopted:

Your committee have examined the rules governing membership in the constitutions of the different University houses, with the exception of Snell House, whose constitution cannot be found, and of Lincoln and Washington Houses, whose heads have not reported.

The committee find that the specific rules are in substantial agreement with the general rules laid down by the University; but as there is in some cases a provision for holding the election later than the tenth week of the quarter, the committee would recommend striking out from the University rule on membership the clause "Election of members takes place not earlier than the end of the sixth week, nor later than the tenth week" (*Annual Register*, 1898–9, p. 109, sec. 3, par. *a*).

The committee would also report that the house membership seems to be simply a matter of form in the Men's Houses, whose organization has been examined; while in the Women's Houses it is developing steadily along the lines anticipated by the Council, and is growing to be more and more an influential agency in the personal and social life of the University.

3) A constitution for the *University of Chicago Weekly* which had been presented to the Board for its approval was approved.

4. The Board of Physical Culture and Athletics:

Meeting of May 5.— 1) The University's representative on the W. I. A. A. A. instructed to vote

for the admission of the University of California and Oberlin College into the Association.

Meeting of May 19.— 1) The University's representative on the W. I. A. A. A. instructed to vote for the admission of Carleton College into the Association. 2) The use of Marshall Field for athletic contests was by courtesy granted to the Hamilton Club on certain occasions during the coming summer. 3) The eligibility of C. L. Burroughs for membership in the team to be sent to Paris was confirmed.

5. The Faculty of the Junior Colleges:

Meeting of May 5.— 1) On recommendation of Curriculum Committee the words "or Mathematics" were inserted in the third footnote on p. 54 of *Annual Register* for 1898–9, the entire note to read as follows:

A student may recover such electives if he wishes to use them for Science *or Mathematics* to the extent of one Major for each half unit by which the amount of Science offered for entrance may fall short of 3½ units.

2) The following amendment was adopted: That there be inserted at the end of paragraph (5), p. 54, *Annual Register* for 1898–9, these words: "But free elective Science shall be available for elective Mathematics." 3) The following persons accepted with advanced standing: J. E. Barrett, Sarah E. Macomber, C. A. Quackenbush.

6. The Faculty of the Senior Colleges:

Meeting of May 26.— 1) Certain candidates for graduation being found to have taken more than the permissible number of majors in particular departments, the following action was taken:

That the Deans be requested to make arrangements to prevent such irregularities in the future, and to prepare a statement for publication containing the regulations governing the curriculum of the Senior College, and that the committee on curriculum be requested to take up the question involved in the rule on this subject for special examination.

7. The Faculties of the Graduate Schools:

Meeting of May 26.— 1) The following persons recommended as candidates for higher degrees accepted. For S. M.: Arthur Tabor Jones, Horatio H. Newman, John E. Webb. For A. M.: M. A. Mergentheim, John Walter Beardslee, Jr. For Ph.D.: Robert Francis Earhart, Derrick N. Lehmer, Walter E. Garry, Catherine C. Cleveland, Thomas Lewis Comparette, Worthy P. Sterns, George Clark Sellery, Ella F. Young. 2) The recommendation of the Classical Conference to the effect that "in all examinations for the Doctor's degree in Greek and Latin the members of all departments represented in the conference shall be understood to be included in the phrase 'Departments immediately concerned' in the regulations relative to the make-up of the examining committee" was approved.

8. The Faculty of the Divinity School:

Meeting of May 19.— 1) The system of marking the work of students in vogue in other schools and colleges of the University was adopted for the Divinity School. 2) C. S. Spaulding was admitted as a candidate to the B.D. degree and C. M. Gallup was recommended to the Senate for the B.D. degree *in absentia.*

9. The University Council:

Meeting of May 12.— 1) The following regulations were adopted:

The following classes of Junior College students are ineligible to the title or degree of Associate at the Convocation when the degree would ordinarily be granted:

1. Those not reported to the Recorder free from conditions two weeks before Convocation Day.
2. Those who under existing rules are not exempt from the examinations in the last quarter of the Junior College course.

2) All University exercises to be suspended on Junior College Day, June 15, 1900.

10. The University Senate:

Meeting of May 5.— 1) On recommendation of the Department of History, Assistant Professor Schwill was appointed the representative of the University at the Historical Conference in Paris, with Mr. Catterall as alternate. 2) E. A. Bechtel recommended to the Board of Trustees for the degree of Ph.D., grade, *magna cum laude.*

11. The Board of Trustees:

Meetings of April, 1900.—1) Charles R. Barnes was appointed Dean in the Colleges. 2) Worthington C. Ford was appointed Lecturer in Statistics, to give courses during the Winter Quarter of 1900–1. 8) Miss Susan Peabody was appointed Head of Kelly House during the Summer Quarter. 4) Miss Isabelle Bronk was appointed Head of Green House during the Summer Quarter. 5) Howell E. Davies was appointed Assistant in Bacteriology for the year beginning July 1, 1900. 6) Wayland J. Chase, Dean of the Academy, was promoted to be Assistant Professor. 7) John E. Webb was appointed Academy Assistant in Physiography and Biology for the year beginning October 1, 1900. 8) The following action was taken relating to "The College for Teachers:" (*a*) The name was changed to "The University College of the University of Chicago;" (*b*) The separate faculty was disbanded and all students placed under the University faculties, the Dean to make reports to them, each faculty having a Standing Committee on University College business; (*c*) The Class-study Department of the University Extension was made a part of the University College; (*d*) The fees were made the same as those in the University except that in the case of active teachers in the schools of Cook county they were made $10 for a major course and $5.00 for a minor—the fees of the first course taken by such student teachers to be in all cases $15. 9) In the absence of President Harper Dean Judson was given the powers of the President.

THE FACULTIES.

Associate Professor Talbot has been elected president of the Chicago Association of Collegiate Alumni.

Assistant Professor Camillo von Klenze gave two lectures in St. Louis, May 8 and 9, his themes being "The University and Modern Life" and "Schiller."

Dr. Wardner Williams delivered an address in Manzanola, Colorado, March 27, on "The History of Music."

Associate Professor MacClintock gave the Commencement address before Milwaukee–Downer College, June 13.

Dr. A. W. Moore delivered the commencement address at the University School for Girls, Chicago, on Thursday evening, June 7.

Dr. H. C. Cowles gave a lecture in the Field Columbian Museum, April 21, on the subject "The Sand Dunes of Lake Michigan."

At the Child-Study Congress held May 11 Dr. A. W. Moore delivered an address on the subject "The Esthetic Element in Literature."

Professor Hedeen has recently published a translation in Swedish of "The Pastor; His Qualificatiosn and Duties," by H. Harvey, D. D.

The Royal Astronomical Society of London has elected Professor George E. Hale, the director of the Yerkes Observatory, as Foreign Associate.

Associate Professor Ira M. Price delivered an address before the National Baptist Anniversaries on May 26, the subject being "The Bible and its Critics."

Professor Small visited Wake Forest College, North Carolina, on May 30 and delivered an address entitled "A Message to Twentieth Century Democrats."

The Annual Banquet of Rush Medical College will be held at the Auditorium Hotel on Thursday, June 21. Among the addresses will be one by Professor Albion W. Small, on "Physical and Social Therapeutics," and one by President Harper.

Professor Galusha Anderson delivered the annual address before the Robinson Rhetorical Society of Rochester Theological Seminary May 8, his subject being "The Supreme End of Theological Schools."

Professor Richard G. Moulton delivered the Florence Harkness Lectures before Western Reserve University, May 17, 18, 19, 21 and 25, his general subject being "Literary Study of the Bible as distinct from Theology and Criticism."

At a banquet in Madison, Wisconsin, June 12, in honor of Miss Annie Crosby Emery, who leaves the position of Dean of Women in the University of Wisconsin to be Dean of Women in Brown University, Associate Professor Talbot spoke on "The Office of Dean of Women."

Recent addresses by Professor Olof Hedeen include "The Deacons," April 1, before the Lake View Swedish Baptist Church; "The Power of Life," April 15, before the Humboldt Park Swedish Church; "The Imperiled Foundation," May 2 before the Literary Society in Walker Hall, Morgan Park; "The Ease of Falling and the Difficulty of Rising," May 4, before the Swedish Tabernacle Church of Chicago.

At the annual all-day meeting of the Chicago and Cook County High School Association, which was held at the Englewood High School on Saturday, May 19, addresses were delivered by Assistant Professor Camillo von Klenze, on "The Correlation of French and Latin in Certain German Schools;" by Dr. H. E. Slaught, on "Higher Training and the Teaching Profession;" by Professor T. C. Chamberlin, on "Some New Notions Regarding the Early Stages of the Earth."

Recent reviews by members of the Faculty:

Royer's "La Constitution du Monde," by F. R. Moulton, *Science*, May 18.

Rankin's "Church Ideas in Scripture and Scotland," by Galusha Anderson, *American Journal of Theology*, January, 1900.

Spalding's "The World's Unrest and its Remedy," by Galusha Anderson, *American Journal of Theology*.

Barrows's "Christian Conquest of Asia," by Galusha Anderson, *American Journal of Theology*.

Maspero's "Passing of the Empires," by Ira M. Price, *The Dial*, May 16.

Litchworth's "Care and Treatment of Epileptics," by C. R. Henderson, *American Journal of Sociology*, May.

"Social Discussion and Reform;" Review of seventeen books, by C. R. Henderson, *The Dial*, June 1.

Macmillan's "Minnesota Plant Life," by H. C. Cowles, *The Botanical Gazette*, April.

Migula's "System der Bakterien" by E. O. Jordan, *Science*, Vol. XI, p. 585.

Recent articles by members of the Faculties:

"The Early Development of Orenicula and Sternaspis," by C. M. Child, *Archiv für Entwickelungsmechanik der Organismen*, 9. Bd. 4. Heft., 22, Mai, 1900, Pages 587–723; Plates 21–25.

"Ueber die Einführung von Acylen in den benzoylessigäther," by Adolph Bernhard, *Liebig's Annalen*, 1894.

"The Associational Conception of Experience," by Warner Fite, *Philosophical Review*, May, 1900.

"Is the Bible the Word of God? V., The Poetical Books; 2: Job, Proverbs, Ecclesiastes, by Ira M. Price, *The Record of Christian Work*, June, 1900.

"Introduction" to *The Hyde Park Cuisine*, by Marion Talbot.

"Notes on Bacterial Water Analysis," by E. O. Jordan (with E. E. Irons) *Transactions of American Public Health Association*, Vol. XXV.

Books published:

"Introduction to Zoölogy; A Guide to the Study of Animals," is the title of a text-book for the use of secondary schools, prepared by Assistant Professor C. B. Davenport and Gertrude C. Davenport, which is published by the Macmillan Company.

THE ALUMNI.

NOTES AND COMMUNICATIONS.

THE SECRETARY'S WESTERN TRIP.

In February arrangements were made whereby the Secretary could make an extended trip through the West in the interest of the Association, meeting the alumni and organizing clubs wherever a sufficient number of graduates were found. The trip included northern Illinois, northern Iowa, Nebraska, eastern Colorado, central Kansas, northern Missouri, and western Illinois; in all forty-eight towns and cities, in sixteen of which were schools affiliated or coöperating with the University. Strong clubs were organized at Lincoln, Neb., and Denver, Colo.

The following is the report of the meeting in Lincoln as given by the morning papers:

The graduates of the University of Chicago living in Lincoln met last night in the parlors of the Lincoln Hotel and completed the preliminary organization of a Nebraska University of Chicago Club. The meeting was called by Mayo Fesler, the General Secretary of the University of Chicago Alumni Association, who is making a tour of the western states in the interest of the association. The club will be composed of alumni living throughout Nebraska and also those persons who at any time have attended the University of Chicago. There are over fifty eligible to membership. The alumni living in Lincoln are G. M. Lambertson, Dr. Charles H. Gordon, Dr. H. J. Davenport, Dr. Charles A. Ellwood, Professor A. B. Lewis, Professor Robert Moritz, Helen Backus, and Rev. F. M. Williams. A number live in Omaha, Grand Island, and Hastings. A committee composed of Dr. Charles H. Gordon (chairman), Dr. H. J. Davenport, Dr. Charles A. Ellwood, Professor A. B. Lewis, and Miss Helen Backus was appointed to draw up a constitution and make complete arrangements for the organization and arrange a reception for Dr. Harry Pratt Judson, Professor of Political Science in the University of Chicago, who is to deliver the commencement oration at the University of Nebraska June 6.

The club at Denver, though not so large as the one at Lincoln, is fully as enthusiastic. There are about thirty eligible to membership in and near Denver. The following report of the meeting appeared in the Denver papers:

The Denver Alumni of the University of Chicago met yesterday at 229 Equitable Building to arrange for a permanent organization of a Denver University of Chicago Club. Mr. Mayo Fesler, Secretary of the Alumni Association, presided at the meeting. A committee consisting of L. B. Joralmon, A. B. Seaman, and Julius H. P. Gauss was appointed to arrange for a meeting in the fall, when the permanent organization will be completed and a banquet given, at which President Harper and others will be present. The club will include all the alumni and those who have attended the University. The alumni in and near Denver are as follows: A. B. Seaman, Dr. H. A. Howe, Rev. L. W. Terry, Dr. F. Hellems, Professor N. M. Fenneman, Professor George Norlin, F. H. Minard, J. H. P. Gauss, C. W. Stewart, Esther D. Hunt, N. F. Hoyt, Fred Steigmeyer, C. F. Breed, W. W. Cole, C. H. Woods, J. J. Herron, J. F. Hunter, C. B. Walker.

Arrangements were made to organize at St. Louis, but the street-car strike prevented.

Everywhere the alumni showed the greatest interest in the University and loyalty to their alma mater. The remark has often been made that the peculiar class arrangements here would always prevent any class or college spirit and that the graduates would have no real love for the University after they leave her halls, but the trip of the Secretary certainly refutes any such statement. With only two or three exceptions the two hundred and more alumni met on the trip proved their esteem and loyalty in many ways which cannot be here enumerated. Nor is this loyalty found only among those from the collegiate department; those who have taken higher degrees are just as enthusiastic in their support. And the alumni of the old University, who have been officially incorporated into the new, everywhere expressed the greatest interest in the welfare and progress of the new University. While they cannot feel the same ties of associations which bound them to the old institution, yet they gladly transfer their support to tbe new with its greater field of usefulness. There are now six clubs organized by the alumni—the Chicago Alumni Club, the Chicago Alumnae Club, the Eastern Alumni Club at New York, the Indianapolis University of Chicago Club, the Nebraska Club, and the Denver Club. These organizations certainly indicate a healthy spirit toward the University on the part of her graduates. Within a year other clubs will be organized and made the

centers of University influence and support. Such organizations will mean much to the future of the University.

ANNUAL MEETING OF THE EASTERN ALUMNI CLUB.

The Eastern Alumni Club held its second annual banquet at the Hotel Manhattan, New York, Monday evening, April 23. President John J. Gorham was toastmaster. Among the guests were President Seth Low, of Columbia University; Professor Albion W. Small, of the University of Chicago; Miss Isabelle Stone, Ph.D., '97, now of Vassar College; Edward Goodman, of Chicago; Franklin Johnson, Jr., of New York, and Rev. J. W. Riddle, of Philadelphia. President Harper's trip abroad prevented him from being present but he was ably represented by Dr. Small, whose speech was warmly applauded. A letter was read from President McKinley, regretting his inability to accept the invitation to be present. The President of the Club writes as follows:

President Seth Low's presence was highly appreciated. His genial and courteous bearing at the reception preceding the banquet and during his address won for him increased esteem. He spoke with admiration of President Harper, whose mind was so fertile in its originality in so many ways and in attempting to make the university useful all the year round. The University of Chicago, he said, would have the affectionate interest of every American, as Dr. Harper had secured money that had been obtained in commercial channels and diverted it to the cause of education. He said it was natural that Chicago should be different from New York. New York's function was to interpret the outer world, to make one world understand the other. Chicago is essentially more American than New York. Each city has its mission, and neither should look down on the other. Miss Isabelle Stone, a late graduate of the University of Chicago, and now a teacher in Vassar College, greatly delighted the banqueters with her gracefully delivered speech. Franklin Johnson, Jr., and Rev. J. W. Riddle were called upon for short addresses; the latter, who was at the old university in 1864, gave amusing incidents of those early days in the old building on Cottage Grove ave. Others present were Dr. T. J. Morgan, Professor Ira M. Price, Rev. T. Vassar Caulkins, Rev. E. C. Sage, Rev. J. L. Cheney, W. R. Roney, Edwin Morgan, Paul Monroe, Rev. O. B. Kinney, Rev. J. N. Field, F. D. Elmer, Rev. D. De Wolf, C. L. Bristol, Rev. R. B. Smith, Mrs. and Miss J. J. Gorham, Mrs. Caulkins, H. B. Learned, Mr. Levering, M. Morgenthau, and C. C. Gray. At the election of officers for next year Rev. R. B. Smith was chosen president, and F. D. Elmer, secretary.

NOTES

Ida M. Gardner, '98, is a teacher in the Calumet High School of Chicago.

A. D. Mead, Ph.D., '96, is an instructor in Brown University, Providence, R. I.

Carolyn L. Moss, '97, is a teacher of English in the Ottumwa, Ia., High School.

Charles A. Hodges, '97, is Professor of English Language and Literature in Juniata College, Huntingdon, Pa.

Abram Ebersole, '95, has charge of the educational work of the central branch of the Y. M. C. A. in St. Louis.

A. B. Seaman, '85, a prominent lawyer in Denver, is Chairman of the Republican State Central Committee of Colorado.

Eugene Parsons, '83, is a lecturer on American History, and is connected with the "University Association" of Chicago.

Raymond C. Dudley, '96, is a member of the firm of H. W. Dudley & Co., Chicago, importers of teas, coffees, and spices.

W. H. Prescott, '94, is connected with the Saginaw Bay Company, manufacturers and wholesale lumber dealers, Cleveland, O.

Martha F. Klock, '97, who has been teaching in a New York private school, will reside henceforth with her aunt, Mrs. Armour, in Kansas City, Mo.

Mr. John F. Voight, Jr., '95, is the Republican candidate for States' Attorney of Coles county, to be voted for at the election on November 6.

John H. Heil, '95, for two years Principal of the Muskegon, Mich., High School, has been elected Principal of the Moline, Ill., High School.

The June "Century" contains the prize essay in The Century's Competition for College Graduates of 1898, which was awarded to Henry Justin Smith, A.B., '98.

Rev. J. J. Gorham, B.D., '83, the former President of the Eastern Alumni Club, has accepted a call to the Wylie Avenue Baptist Church of Pittsburg, Pa.

J. H. P. Gauss, '98, is one of the librarians in the Denver Colorado Public Library. He will begin the study of medicine in September if his health permits.

The *Standard* of May 26 contains an article on "The Solar Eclipse of May 28, 1900, written by Professor Herbert A. Howe, '75, now of Denver University, Denver, Colo.

Frank H. Levering, '72, who has been a missionary among the Telugus in India since 1892, will be in the University during the summer. He is planning to return to his mission work in the fall.

Mr. Frank P. Bachman, A.B., '98, who has been teaching in the State Normal School of North Dakota, at Valley City, has been awarded a fellowship in Columbia University for next year.

Elizabeth E. H. Greene, '99, who has been teacher of modern languages in the Burlington Institute, Iowa, has accepted a similar position at Bradley Polytechnic Institute. She will begin her work there in October.

Fred Merrifield, '98, has resigned his office as Secretary of the Y. M. C. A. at the University, and has accepted the assistant pastorship in the Immanuel Baptist Church of Chicago. He will continue his work in the Divinity School.

J. E. Freeman, '98, of Washington, D. C., was at the University recently. He was on his way to Cape Nome, to be connected with a bank established by Washington capitalists. He will return to Georgetown Law School next fall.

H. Menke, who took two years' work in the Divinity School, is pastor of the Congregational Church, Grandin, Mo. He has been invited to deliver the annual address before the Alumni Association of the Nebraska State Normal School this year.

Charles R. Dean, '77, has been appointed private secretary to the First Assistant Secretary of State, Dr. David J. Hill. After graduating from the University, Mr. Dean took a law course in Columbia University at Washington, and for some years held the office of secretary of that school.

John Cummings, Ph.D., '94, instructor in Economics at Harvard University since 1894, has accepted an appointment to the editorial staff of the New York *Evening Post.* He will attend the congresses at the Paris Exposition this summer as a delegate and correspondent of the *Post* and *Nation.*

Frank W. Woods, A.B., '95, died in Sturtevant's Camp, California, May 15. He entered the University soon after its foundation, took his Bachelor's degree in 1895, and at once entered the Divinity School, from which he obtained the B.D. degree in three years. After graduation in 1898 he went to Pasadena, whither the family had removed from Colorado Springs for the sake of the father's health.

In the autumn of that year he was called to the pastorate of the Pasadena First Baptist Church. His year and a half in the pastorate of so important a church was more than his always delicate constitution could stand. He went to the mountains in the hope of regaining his health. He spent the time traveling over the trails, hunting, and visiting points of interest. On a visit to Wilson's Peak he was caught in a snow storm, from which he contracted the cold which resulted in his death. He was not yet twenty-six years of age. Mr. Woods will be remembered as one of the best known students of the early days of the University. He took an active part in every phase of college life. At one time he was editor of the *University Weekly.* His superior mental ability and training assured him of success, and his brief pastorate gave promise of a useful and brilliant career.

In his annual report of the Nebraska State University, Acting-Chancellor Bessey referred to the excellent work done by Charles A. Ellwood, Ph.D., '99, as a lecturer in sociology, and a recommendation was made that he be continued with advanced title. Since then Dr. Ellwood has accepted the newly-created Chair of Sociology in the University of Missouri.

THE PROPOSED CONSTITUTION.

The following is a draft of a Constitution recommended by the Executive Committee to be voted upon at the Annual Business Meeting of the Alumni Association.

ARTICLE I.

NAME.

SECTION 1. The name of this organization shall be the Alumni Association of the University of Chicago.

PURPOSE.

SEC. 2. Its object shall be to advance the interests, influence, and efficiency of the University of Chicago, to promote acquaintance among the graduates, and to strengthen the connection between the Alumni and their Alma Mater.

ARTICLE II.

OFFICERS.

SECTION 1. The officers of this Association shall be a President, a First, Second and Third Vice President, a General Secretary; who shall be elected by ballot at the regular annual business meeting and shall hold office for one year or until their successors are elected.

EXECUTIVE COMMITTEE.

SEC. 2. There shall be elected an Executive Committee, consisting of twelve members including the President, Secretary and First Vice President. The other nine members shall be divided, by lot, into three classes; the first shall hold office for one year; the second three for two years; the last three for three years. The term of office thereafter shall be three years.

DUTIES OF OFFICERS.

SEC. 3. The President shall be Chairman of the Executive Committee; shall preside at all the meetings of the Association; and shall perform the other duties usual to his position.

SEC. 4. In the absence of the President, the First Vice President shall preside. In the absence of the First Vice President the Second Vice President shall preside.

SEC. 5. The General Secretary shall keep all the records of the Association; shall collect and take charge of all the revenues; shall give notice of all meetings; shall be Secretary for each committee; shall pay out money only when authorized by the Executive Committee; shall keep the roll of the members; shall carry on the correspondence of the Association; shall exhibit the books at any time to any member of the Executive Committee; shall make an annual report at the regular business meeting of the Association and shall fulfill all other duties assigned to him by the Executive Committee.

SEC. 6. The Executive Committee shall make arrangements for the annual meeting of the Alumni; shall fill all vacancies occurring by death, resignation, or otherwise, those so appointed to hold office only until the next annual election; shall fix the salary of the General Secretary; shall have supervision of all property and funds of the club, and shall make all laws and regulations not provided for in this constitution. No money shall be paid out without its consent, one third of the members of the committee shall constitute a quorum.

COMMITTEES.

SEC. 7. There shall be three committees known as the "Committee on University;" the "Committee on Alumni Clubs;" and the "Committee on Athletics." The three Vice Presidents, respectively, shall be chairmen of these committees. Each chairman shall select two members to serve with him. The committees are to make investigations into their respective fields, take charge of any work belonging to their respective fields and make recommendations to the Executive Committee and the Association.

ARTICLE III.

MEETINGS.

SECTION 1. The annual meeting of the Association shall be held on the day preceding the Spring Convocation unless otherwise ordered by the Association or by the Executive Committee.

SEC. 2. The meetings of the Association, other than the annual meeting shall be held at such time and place and for such purposes as the Association or the Executive Committee shall from time to time determine; but the President shall call a special meeting at the written request of fifty members, in which case notice stating the object for which it is called, shall be sent to each member of the Association at least ten days previously.

ARTICLE IV.

MEMBERSHIP.

SECTION 1. Any person who has received a degree from the University of Chicago is an associate member of this Association.

SEC. 2. Any associate member may become an active member upon the payment of the dues for the current year. Only active members are eligible to office or have the right to vote at the meetings of the Association. Twenty members shall constitute a quorum for business at any regular or duly called meeting of the Association.

CLASSES.

SEC. 3. The membership may at any time be divided into classes, such as "The Collegiate Alumni;" The Graduate Alumni." Each department may form a departmental organization but not in conflict with any provision of this constitution.

CLUBS.

SEC. 4. Provision shall be made by the Committee on Alumni Clubs, subject to the approval of the Executive Committee, for the organizations of clubs throughout the country. Such clubs when organized shall be considered a part of the Association.

ARTICLE V.

DUES.

The annual dues for each active member shall be one dollar, payable on or before the first day of April of each year. The Secretary shall send notices of dues to the members by February 15 of each year. If dues are not paid by March 15, a second notice shall be sent. If not paid by April 1, the name of the delinquent member may be stricken from the list of active members.

ARTICLE VI.

NOMINATING COMMITTEE.

At each annual business meeting a nominating committee of five shall be elected or appointed, of which the Secretary shall be one and chairman, which shall report to the Executive Committee before April 1 the candidates for offices for the enusing year. These names shall be sent to each alumnus before May 1.

CONGREGATION.

SEC. 2. The Nominating Committee shall nominate and report to the Executive Committee before April 1, thirty persons from the list of Bachelors of Arts, Philosophy and Science who are eligible to membership in the Congregation, and fifteen names from the list of Masters of Arts, Philosophy and Science, who are eligible to membership in the Congregation. The lists shall be sent to their respective classes before May 1 to be voted upon. The ten bachelors and the five masters receiving the largest number of votes shall be declared elected.

AUDITING COMMITTEE.

SEC. 3. The President shall appoint an auditing committee of two, who shall audit the accounts of the Secretary for the year ending April 1, and shall report to the Executive Committee before May 30 of that year.

ARTICLE VII.

AMENDMENTS.

SECTION 1. This constitution may be amended at any regular meeting of this Association by a three-fourths vote of all the members present and voting, provided that notice of such amendment shall have been given at the last preceding meeting of the Association or shall have been sent to each member three months before the regular business meeting.

OFFICIAL NOTICES.

QUARTERLY EXAMINATIONS. — The examinations at the close of the Spring Quarter will be held on Wednesday, Thursday, and Friday, June 20, 21, and 22. Examinations for morning classes will be held on three successive mornings; for afternoon classes on three successive afternoons, as follows:

8:30	Exercises,	Wedn.,	June	20,	8:30–11:30 A.M.
9:30	"	Thurs.	"	21,	8:30–11:30 A.M.
11:00	"	Fri.	"	22,	8:30–11:30 A.M.
12:00	"	Wedn.	"	20,	2:00– 5:00 P.M.
2:00	"	Thurs.	"	21,	2:00– 5:00 P.M.
3:00	"	Fri.	"	22,	2:00– 5:00 P.M.

ENTRANCE EXAMINATIONS. — The Summer Examinations for admission to the Junior Colleges will be held in Cobb Hall, Friday, Saturday, Monday, and Tuesday, June 15, 16, 18, and 19. The Dean of Affiliations will furnish particular information on application.

Final Examinations for higher degrees are held as follows:

FOR THE DEGREE OF A.M.

EMMA KIRKLAND CLARK. Latin. Thesis: "The Use of the Dative Case in Sallust." Room 5 B, Cobb Hall, June 6, 1900, at 4:00 P.M.

DORA JOHNSON. Latin and Greek. Thesis: "Construction of Specification in Plautus and Terence." Room 5 B, Cobb Hall, June 8, 1900, at 3:00 P.M.

MATTIE BELLE MATHENY. Latin. Thesis: "The Hexameter of Lucilius." Room 5 B, Cobb Hall, June 7, 1900, at 4:00 P.M.

The following were chosen at the recent election of officers of the Christian Union for the coming year:

President, Professor Charles R. Barnes.
Vice President, Roy Batchelder Nelson.
Representatives on Executive Committee:
Allen Burns (Divinity School),
Caroline E. Breyfogle (Graduate School),
Grace Manning (Senior College),
Roy Merrifield (Junior College).

OFFICIAL REPORTS.

THE LIBRARY.

During the month of May, 1900 there has been added to the Library of the University a total number of 801 volumes, from the following sources:

Books added by purchase, 237 volumes, distributed as follows:

General Library, 6 vols.; Philosophy, 9 vols.; Pedagogy, 31 vols.; Political Economy, 17 vols.; Political Science, 6 vols.; History, 9 vols.; Classical Archæology, 2 vols.; Sociology, 9 vols.; Sociology (Divinity), 9 vols.; Anthropology, 17 vols.; Comparative Religion, 3 vols.; Semitic, 1 vol.; New Testament, 7 vols.; Comparative Philology, 7 vols.; Greek, 2 vols.; Latin, 10 vols.; Latin and Greek, 14 vols.; German, 3 vols.; English, 3 vols.; Mathematics, 1 vol.; Astronomy (Yerkes) 2 vols.; Chemistry, 14 vols.; Physics, 4 vols.; Zoölogy, 7 vols.; Physiology, 5 vols.; Botany, 6 vols.; Systematic Theology 1 vol.; Homiletics, 2 vols.; Morgan Park Academy, 2 vols.; Swedish Theological Sminary, 20 vols.; Department XVI (Literature in English), 8 vols.

Books added by gift, 480 volumes, distributed as follows:

General Library, 432 vols.; Pedagogy, 6 vols.; Political Science, 14 vols.; Classical Archæology, 1 vol.; Anthropology, 3 vols.; Mathematics, 1 vol.; Physics, 1 vol.; Geology, 16 vols.; Botany, 1 vol.; Church History, 1 vol.; Homiletics, 1 vol.; Haskell, 3 vols.

Books added by exchange for University publications, 84 volumes, distributed as follows,

General Library, 14 vols.; Pedagogy, 7 vols.; Political Economy, 18 vols.; Political Science, 5 vols.; Sociology, 8 vols.; Anthropology, 2 vols.; Comparative Religion, 1 vol.; Semitic, 2 vols.; New Testament, 14 vols.; Chemistry, 2 vols.; Geology, 1 vol.; Botany, 8 vols.; Systematic Theology, 2 vols.

THE MORGAN PARK ACADEMY.

The total enrollment this year from July 1, 1899, has been 217. The total number in attendance from the beginning of the Autumn Quarter to the present is 179. In numbers, therefore, as well as in quality of effort in study and in well-sustained interest in the other activities of school life the year has been a good one.

One experiment of the year has been the student council established at the beginning of the Spring Quarter. As the Academy is to be a school for boys only hereafter, this council has consisted of those *boys* who have shown themselves to be representative of the school in both character and identification with the various school interests. Meeting with the Dean once a week they have considered many of the matters of general school interest and have been both a legislative body to the extent of recommendations to the faculty and executive in taking control of and giving direction to student enterprises. Though not yet out of the experimental stage this council promises well in the two directions of developing in the council members a sense of responsibility for the common interests and welfare of the school and of giving to the faculty a larger view of school matters from the student's standpoint.

Of the new features of the school for another year two thorough courses in manual training and a new gymnasium are the most important.

This manual-training work will consist of shop work in wood and drawing and will be thorough enough to meet the requirements of those scien-

tific and technical schools which accept this subject for entrance.

Work on the new gymnasium is to be commenced within a few weeks so that the completed structure will be in readiness for use next fall. It is to be of brick and will contain both the equipment and floor space for the use of the classes in physical training and ample room for the various forms of indoor athletic sports and games, the expectation being to provide so far as is practicable a large indoor playground for late fall, winter, and early spring uses.

The graduating class consists of 41 members, of whom at least 35 will continue to study at college or technical school. There are few schools from which a larger number proportionately go each year to college, and it is believed, therefore, that there are few where a boy will get so much stimulus and incentive to the formation of the college purpose as here where he will find a straight road and congenial companionship by the way. This feature together with the democratic spirit of the student body and the keen and well-sustained interest in athletics is giving a unique and individual character to the Morgan Park Academy.

THE CALENDAR.

June 15–23, 1900.

Friday, June 15.

Junior College Day. — A Holiday.

Saturday, June 16.

Meetings of University Ruling Bodies, Haskell Oriental Museum:

The Administrative Board of the University Press, 8:30 a.m.

The Administrative Board of Student Organizations, Publications, and Exhibitions, 10:00 a.m.

The Administrative Board of University Affiliations, 11:30 a.m.

The Faculty of the Divinity School, 11:30 a.m.

Baseball: The University of Pennsylvania *vs.* the University of Chicago is played on Marshall Field at 4:00 p.m.

Graduate and Divinity Finals in Public Speaking are held in Kent Theater at 8:00 p.m.

Sunday, June 17.

Convocation Sunday.

Convocation Prayer Service is held in Congregation Hall, Haskell, at 3:30 p.m.

Convocation Vesper Service is held in Kent Theater at 4:00 p.m.

The address is given by Professor C. R. Henderson.

Monday, June 18.

Alumni Day.

The Illinois Beta Chapter of Phi Beta Kappa meets in Kent Theater at 10:00 a.m.

Business Meeting at 10:00 a.m. Address at 10:30 a.m. by Professor Shorey: "College Education and Western Life."

The Alumni Luncheon takes place in the Women's Quadrangles at 12:00 m.

The Alumni meet in Cobb Lecture Hall, 1:30 p.m.

The Annual Business Meeting at 1:30 p.m. Formal Reception into the Alumni Association of the Members of the Class of 1900, at 2:30 p.m.

Senior Class Day Exercises are held in the Graduate Quadrangle at 2:45 p.m.

Baseball: The University of Chicago *vs.* the University of Pennsylvania is played on Marshall Field at 4:00 p.m.

The Annual Banquet of the Alumni is held at the Quadrangle Club at 7:30 p.m.

Tuesday, June 19.

Convocation Day.

The Thirty-third Quarterly Convocation is held in the Graduate Quadrangle at 3:00 p.m.

The Convocation Address is given by President McClure, of Lake Forest University.

Baseball: The University of Chicago *vs.* the University of Pennsylvania is played on Marshall Field at 4:30 p.m., or at the close of Convocation.

The Convocation Reception is held at the President's House from 8:00–11:00 p.m.

Wednesday, June 20, to Friday, June 22.

Quarterly Examinations of the Spring Quarter are held from 8:30 a.m.–4:00 p.m.

Saturday, June 23.

Quarterly Recess begins.

First class table board — 5635 Lexington av. Good location, only one half block from Quadrangles.

NOTES.

Registration for the Summer Quarter will begin as follows:

Divinity Students, in the Office of the Deans of the Divinity School, Room 15, Haskell Museum.

Dean Hulbert, Tuesday and Wednesday, June 12 and 13, 9:30–10:30.

Dean Mathews, Monday and Tuesday, June 11 and 12, 11:00–12:00.

Graduate Students and Senior College Students (men), in the Office of the Dean of the Graduate Schools, Room 14, Haskell Museum.

Dean Judson, Monday, Tuesday, June 11 and 12, 11:00–12:00 and 2:00–4:30.

Junior College Students in Room A6, Cobb Hall. Dean Vincent and Dean Castle, Tuesday, Wednesday, Thursday, June 12, 13, and 14, 9:30–12:00 and 3:00–4:00.

Unclassified Students (men). In Room A6, Cobb Hall, Dean Castle, Tuesday, Wednesday, and Thursday, June 12, 13, and 14, 9:30–11:00, 3:00–4:00.

Senior College Students (women) and *Unclassified* Students (women) in room A9, Cobb Hall, Dean Talbot, Monday and Thursday, June 11 and 14, 12:00–1:00 and 2:00–4:00.

All women students will register with Dean Talbot for Physical Culture on the days and hours above mentioned.

The third annual meeting of the faculties and students of the affiliated academies of the University was held Friday, June 8. In previous years this meeting was held on Sunday, when these representatives gathered in Kent Theater and listened to a selected programme suitable to the occasion. In the exercises of this year the formal meeting in Kent Theater at two o'clock was followed at three o'clock by track and field events on Marshall Field, these being in general charge of Dr. Joseph E. Raycroft, and at four o'clock there was a baseball game between the nines representing the Morgan Park Academy and the South Side Academy.

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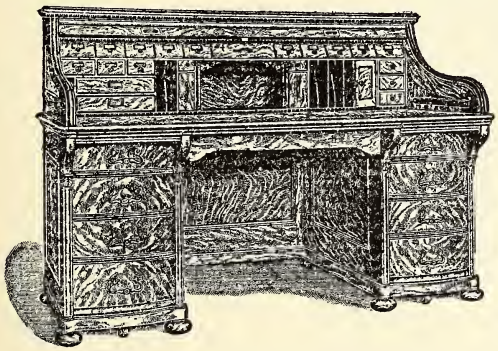

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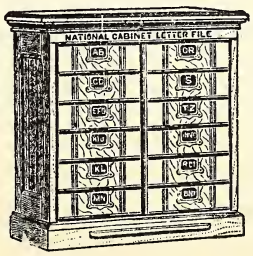

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The Marine Biological Laboratory at Wood's Holl presents this summer for the first time a course in Nature Study. The conditions under which this work is offered are very exceptional. It will be given coöperatively by members of the regular staff and a number of specialists outside of the laboratory. We note the names of Professor Wheeler, Dr. Chapman, Professors Hodge, MacFarlane, and Scott, Messrs. Stone and Dearborn, and among those more intimately connected with the laboratory Professor Whitman and Drs. Thorndike, Davis, Montgomery, True, and Mr. Moore.

The course will run for six weeks and the time will be distributed over a wide range of topics. The plan is a radical departure from the methods in vogue in much of the work on Nature Study, the aim being to place the course on the high plane characteristic of the Marine Biological Laboratory.

The special announcement may be obtained from Dr. Bradley M. Davis of the University.

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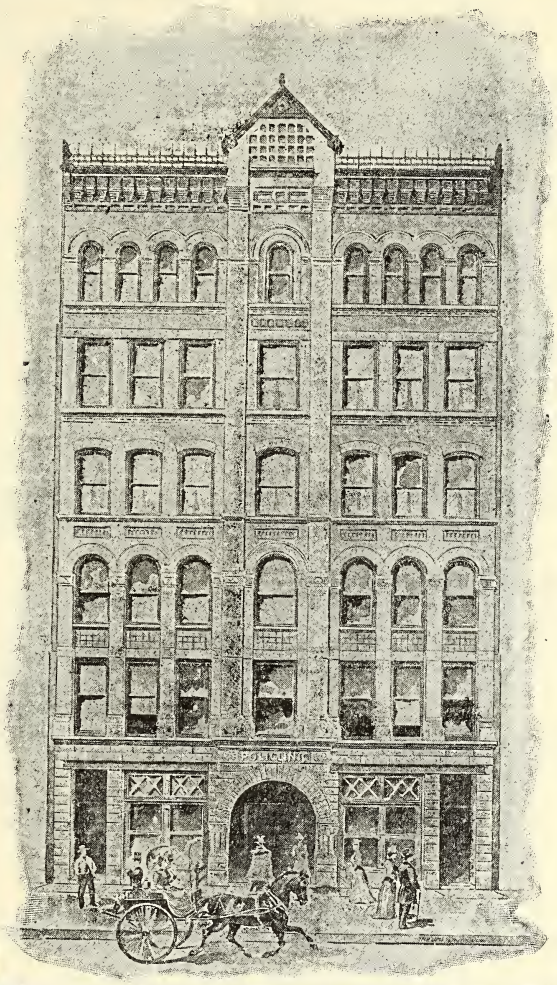

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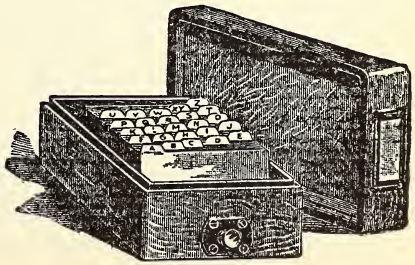

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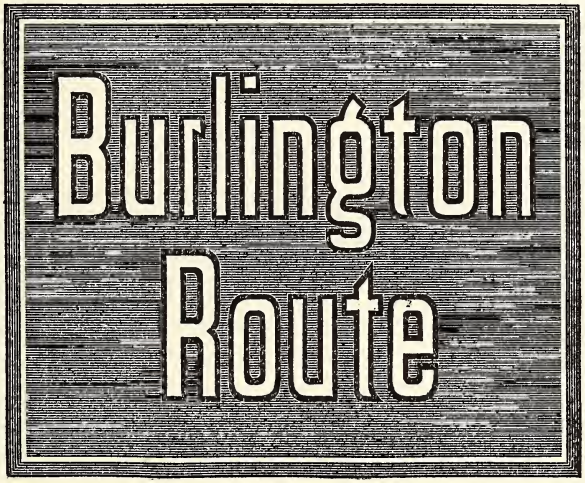

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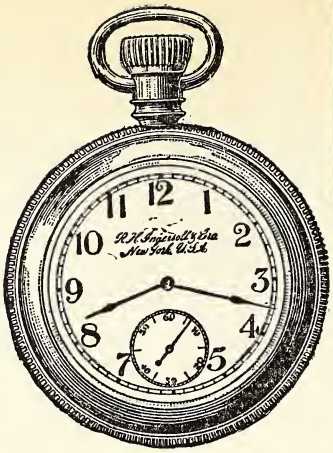

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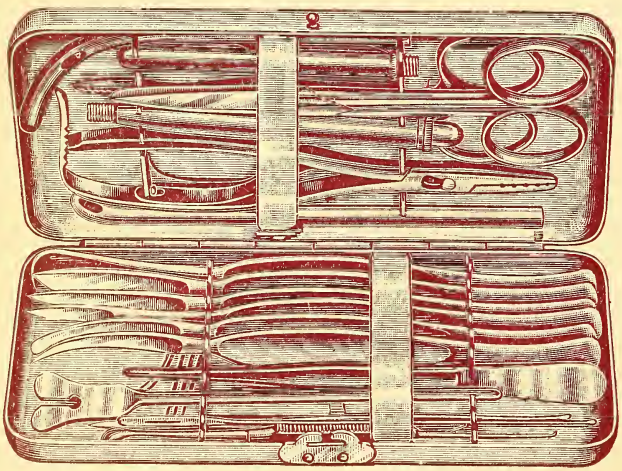

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ANNUAL ANNOUNCEMENT

RUSH MEDICAL COLLEGE

IN AFFILIATION WITH

THE UNIVERSITY OF CHICAGO

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CHICAGO
The University of Chicago Press
1900

THE FIFTY-EIGHTH ANNUAL ANNOUNCEMENT

HISTORY, PLAN OF GOVERNMENT, AND LOCATION

Rush Medical College is one of the oldest institutions of learning in the Northwest, having been chartered by a special act of the Legislature of the State of Illinois, in February 1837. It was founded by the late Daniel Brainard, who was its first president. He was succeeded, in turn, by Presidents J. V. Z. Blaney, Joseph W. Freer, J. Adams Allen, and Edward L. Holmes. The first course of lectures was delivered in the second story of the frame building on Clark street, near Randolph, in 1843. In 1844 a college building was erected at the corner of Dearborn avenue and Indiana street, a structure which was remodeled and enlarged in 1855. The college rapidly outgrew these quarters, however, and in 1867 a larger building was erected on the site of the old one. This edifice was destroyed in the great fire of 1871, and for a few years the college occupied a temporary amphitheater in the grounds of the Cook County Hospital, then located at Arnold and 18th streets. In 1875 the present Clinical Building was erected, and in 1893 the rapidly growing need of larger facilities for laboratory and practical instruction was met by the construction of the Laboratory Building. In 1887 the college became the Medical Department of the Lake Forest University, retaining, however, its autonomy. This relation was dissolved by mutual consent in April 1898, and in the same month the present relations of affiliation with the University of Chicago were established. Rush Medical College has conferred the degree of Doctor of Medicine upon nearly six thousand physicians. It is one of the several institutions officially recognized by the Royal Colleges of Physicians and Surgeons of London, England.

GOVERNMENT

The government of the college is vested in a "perpetual Board of Trustees," which was constituted by a special act of the General Assembly of Illinois, in February 1837, and of which the Governor of the state, the Lieutenant-Governor, and the Speaker of the House of Representatives are members *ex officio.*

This Board is responsible to the state for the careful management of the financial and educational interests of the college and for the discipline of its students.

AFFILIATION

By the terms of affiliation with the University of Chicago, the Board of Trustees is so reorganized as to be composed of members not belonging to the teaching force of the college. This Board assumes the financial management and appoints the Faculty, but delegates to the latter the control of the educational work subject to the rules of the University and the approval of the Trustees. The affiliation thus assures the maintenance of a high order of instruction and a steady advance in modern educational methods. The University offers three fellowships to graduates of the college, yielding the University fees and entitling the holders to the privileges of its biological laboratories. It provides for granting the degree of Bachelor of Science to students of the college who have had suitable preliminary education and who comply with the University regulations established for that degree.

LOCATION

The college is situated on West Harrison street, between Hermitage avenue and Wood street, and can be reached by any of the trains of the Metropolitan Elevated Railway, the Marshfield avenue station of which is three blocks east of the college; by the Ogden avenue or Van Buren street Electric lines, which cross Wood street two blocks north of the college; or by the Harrison street Electric Car line which runs on West Harrison street.

The Telephone number of the college is West 113.

Address correspondence to

RUSH MEDICAL COLLEGE,

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CALENDAR

1900

June 15, 16, 18, and 19 Friday, Saturday, Monday, Tuesday	Examination for admission.
July 1, Sunday	The fiscal year of the College begins.
July 1, Sunday	The Summer Quarter begins.
July 4, Wednesday	A holiday.
Sept. 14, 15, 17, and 18 Friday, Saturday, Monday, Tuesday	Examinations for Admission.
Sept. 20, 21, and 22 Thursday, Friday, Saturday	Quarterly Examinations.
Sept. 22, Saturday	Summer Quarter ends.
Sept. 22–30	Quarterly Recess.
Oct. 1, Monday	Autumn Quarter begins.
Nov. 6	Election day — a holiday.
Nov. 29, Thursday	Thanksgiving Day — a holiday.
Dec. 20, 21, and 22 Thursday, Friday, Saturday	Quarterly Examinations.
Dec. 22, Saturday	Autumn Quarter ends.
Dec. 14, 15, 17, and 18 Friday, Saturday, Monday, Tuesday	Examinations for Admission.
Dec. 22–31	Quarterly Recess.

1901

Jan. 1, Tuesday	New Year's Day—a holiday. Winter Quarter begins.
Feb. 12, Tuesday	Lincoln's Birthday — a holiday.
Feb. 22, Friday	Washington's Birthday — a holiday.
March 15, 16, 18, and 19 Friday, Saturday, Monday, Tuesday	Examinations for Admission.
March 21, 22, and 23 Thursday, Friday, and Saturday	Quarterly Examinations.
March 23, Saturday	Winter Quarter ends.
March 23–31	Quarterly Recess.
April 1, Monday	Spring Quarter begins.
May 30, Thursday	Decoration Day — a holiday.
June 17, 18, and 19 Monday, Tuesday, Wednesday	Quarterly Examinations.
June 19, Wednesday	Special Clinics for the Alumni Association.
June 20, Thursday	Annual Scientific Meeting of the Alumni Association.
	Annual Business Meeting of the Alumni Association.
June 21, Friday, 10:00 A.M.	Special Clinics; Exercises in the Laboratory Building.
2:00 P.M.	Graduating Exercises.
7:00 P.M.	Annual Reception and Dinner of the Faculty and Alumni.
	Spring Quarter ends.

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The Laboratories are situated on Harrison street, opposite the Clinical Building. The upper floor, 100 by 40 feet, is devoted to anatomical work. The first four stories are occupied by recitation rooms and laboratories, amply supplied with apparatus and means of illustration for practical instruction in Chemistry, Pathology, Bacteriology, Physiology, Histology, Materia Medica, Therapeutics, and Hygiene.

The Presbyterian Hospital adjoins the college, and is so connected that patients can be transferred directly from the wards of the hospital to the clinical amphitheater of the college. The hospital accommodates 250 patients, and about 2000 are treated in the institution each year. The

obstetrical wards, situated in a detached building, accommodate 25 patients, and in them about 125 patients are delivered annually.

The Cook County Hospital, with 900 beds, treating annually nearly 20,000 patients, is situated directly opposite the college. Through the enlightened policy of the warden, Mr. James H. Graham, of the medical board of the hospital, and of the Board of Cook County Commissioners, the wards of that institution have been opened for bedside instruction to medical students.

The students of the Junior and Senior classes of Rush Medical College are taken directly into the wards in small groups, and are afforded opportunity for the individual examination and study of patients under the direction of the members of the attending staff.

Facilities for the study of gross pathology which are not elsewhere equaled in the West, are afforded at the Cook County Hospital. Between 300 and 400 post-mortem examinations are made annually in the necropsy theater. Necropsy clinics are conducted three times each week by Professor Hektoen, who is the pathologist to the Cook County Hospital.

REQUIREMENTS FOR ADMISSION

The following are the requirements for admission:

I. Each student must present to the faculty certificates of good moral character, signed by at least two physicians of good standing in the state in which the applicant last resided.

II. He must fill out and file with the Registrar the required Blank Application for admission.

III. He must pay the Registrar the matriculation or registration fee of $5.00.

IV. He must be able to comply with the requirements for admission to the Junior Colleges of the University of Chicago. These requirements are stated below. They correspond to the requirements for admission to the Freshmen class of the better universities and colleges.

REQUIREMENTS FOR ADMISSION TO THE JUNIOR COLLEGES OF THE UNIVERSITY OF CHICAGO

1. In General.

Preparation for admission to a Junior College is expected to cover a period of four years in a secondary school (high school or academy) of high grade. The University does not, however, accept a high school or academy diploma as satisfying these requirements, but exacts specific credits for each subject. Such admission credits are reckoned in units.

A *unit* corresponds to a course of study comprising not less than 150 hours of prepared work. Two hours of laboratory work are regarded as the equivalent of one hour of prepared work. Fifteen units are required for admission to the Junior College. Some of them are definitely prescribed viz.: **History** 1 unit, **Latin** 2 units, **Mathematics** 2½ units, **Physics** 1 unit, **Chemistry** 1 unit, and **English** 2 units. The others are elective, as explained on p. 12.

When a student presents credit for these units from an affiliated, or coöperating school (see list on pp. 13–14), such credit is allowed without further examination. If a credit be presented for work done at a school other than an affiliated or coöperating school, he is required to pass an examination conducted by the University.

2. In Detail.

Preparatory Subjects and their Unit Values.—The work accepted for admission is classified and fully described according to departments, in the following list. Under each department the subjects for examination are numbered for convenience of reference, and the unit value of each subject is specified:

POLITICAL SCIENCE.

Civil Government.—Credit will be given for such knowledge of this subject as is indicated by any standard textbook — such as Hinsdale, or Bryce's Abridgment. The student should not be confined to one book, however, but should be accustomed to work by topics. *½ unit.*

HISTORY.

1. The History of Greece to the death of Alexander. Required of all students.
2. The History of Rome to the death of Augustus. Required of all students.

Remark.—The examination calls for general information on the facts of Greek and Roman history. A more detailed treatment will also be required of one topic, to be chosen by the candidate himself, from the list which follows. The candidate will be expected at the examination to give the name of the books which he has used in preparing the topic chosen: *a*) The Persian Invasions; *b*) The Age of Pericles; *c*) Alexander and his Empire; *d*) The Manners and Customs of Early Republican Rome (509–264 B. C.); *e*) The Second Punic War; *f*) The Roman Military

Organization; *g*) The Roman Provincial Government; *h*) Agrarian Laws and Agrarian Agitation; *i*) Cæsar and Cæsarism.

3*a* and 3*b*. General European History (from 350 A. D.) —Such general information concerning European history is required as is offered by such works as Myers' *Mediæval and Modern History*, or the Short Histories of Thatcher and Schwill. 3*a* covers the mediæval period (350 to 1500 A. D.), and 3*b* the modern period (1500 to present time). *Each ½ unit.*

4*a*. The History of the United States, Elementary. More attention should be given to the period subsequent to the Declaration of Independence than to that preceding. The student should be familiar with the main facts connected with the development of the nation. So far as possible, the use of books other than the text-book should be encouraged. Montgomery's, Mowry's, or Johnston's school texts are recommended. *½ unit.*

4*b*. The History of the United States, advanced. This involves more detailed study than the preceding, in the course of which the student has become accustomed to topical study. 4*a* is included in 4*b*, and if the latter is taken the former need not be. *1 unit.*

5*a*. The History of England, Elementary.—The student should know the main facts connected with the development of the English people, and their social and political changes. Such a book as Montgomery's will indicate the general scope of the ground covered by the examination. *½ unit.*

5*b*. The History of England, advanced.—See comment under 4*b*. 5*a* is included in 5*b*, and if the latter is taken the former need not be. *1 unit.*

GREEK.

1. The translation at sight of Attic prose similar to that of Xenophon's *Anabasis*, or the narrative portions of the New Testament, with grammatical, literary, and biographical questions. Required of candidates for the College of Arts.
2. Greek grammar, and the translation into Greek of sentences of average difficulty. Required of candidates for the College of Arts.

1 and 2 taken together constitute 2 *units.*

3. The translation at sight and the scansion of an average passage from Homer, with questions on Homeric grammar and prosody.
4. The translation into Greek of a connected passage of idiomatic English, based on the *Anabasis.*

3 and 4 taken together constitute 1 *unit* and are recommended to candidates for the College of Arts.

LATIN.

1. The translation at sight of narrative prose similar to that of Cæsar. Required of all students.
2. The translation into Latin sentences of average difficulty based upon Cæsar's *Gallic War.* Required of all students.

1 and 2 taken together constitute 2 *units.*

3. The translation at sight and scansion of an average passage from Virgil or Ovid, with questions on poetical forms and constructions and on prosody.
4. The translation at sight of a piece of prose equal in difficulty to an average passage of Cicero's speeches or letters, with grammatical, literary, and biographical questions.
5. The translation into Ciceronian Latin of a connected passage of idiomatic English.

3, 4, and 5 taken together constitute 2 *units*, and are recommended to candidates for the Colleges of Arts, Literature, and Commerce and Politics. No further requirement of Latin is made of students in the Colleges of Science, and of Commerce and Politics if these units were presented on admission.

FRENCH.

1. This examination calls for:
   a) Proficiency in elementary grammar including the following topics: Inflection of nouns and adjectives, excepting unusual cases; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive constructions; the inflection of the regular and the more common irregular verbs.
   b) Ability to translate simple prose at sight. The requisite facility in translating can be acquired by reading, concurrently with the work in the grammar, from three hundred to four hundred duodecimo pages from at least three dissimilar works.
   c) Ability to pronounce French, and to recognize French words and simple phrases when spoken. Careful attention should be given from the beginning to the fluent and intelligent oral reading of the French works used in the class room.

a), *b*), and *c*) taken together, constitute 1 *unit.*

NOTE.—Three units of French, German, or French and German, are recommended to candidates for the Colleges of Literature, Science, and Commerce and Politics, and 1 unit of French or German for candidates for the College of Arts. French 1 is acceptable for all colleges.

2. This examination calls for:
   a) Proficiency in more advanced grammar. In addition to a knowledge of the accidence, and of the values of prepositions and conjunctions, the candidate must be familiar with the essentials of French

syntax — especially the use of modes and tenses — and with the frequently recurring idiomatic phrases.

b) Ability to translate standard French at sight. The student is advised to read one thousand duodecimo pages or more of standard French, including *Columba* (Mérimée); *Pêcheur d'Islande* (P. Loti); *Graziella* (Lamartine); *La Belle Nivernaise* (Daudet); *La Mare au Diable* (G. Sand); *Mlle de la Seiglière* (Sandeau); *Le Voyage de M. Perrichon* (Labiche); *La Bataille des Dames* (Scribe et Legouvé). Fair equivalents will be accepted.

c) Ability to translate easy, consecutive English prose into French.

d) Ability to follow a recitation conducted in French and to answer in that language questions asked by the instructor.

a), *b*), *c*), and *d*) taken together, constitute 1 *unit*, which is acceptable as one of the three units of French or German recommended for entrance to the Colleges of Literature, Science, and Commerce and Politics.

3. This examination calls for ability to use the language effectively. This is to be tested by:

a) Examination on advanced syntax (Chassang).

b) Translation of English prose into idiomatic French.

c) Translation of modern French prose and poetry.

d) Answers in French to questions on the history of French literature from the Renaissance to the present time. Gazier's *Histoire de la Littérature française* is recommended.

a), *b*), *c*), and *d*) taken together, constitute 1 *unit*, and may be presented as the third unit of modern language recommended to candidates for the Colleges of Literature, Science, and Commerce and Politics.

GERMAN.

1. This examination calls for proficiency in the elements of the language, including:

a) Familiarity with inflection, the more common prepositions, the simpler uses of the model auxiliary, and elementary word-order and syntax.

These specifications are in no sense restrictive, but are simply suggestive of the thoroughness required.

b) Ability to translate a passage of simple prose at sight, with the help of a vocabulary of the less usual words.

It is believed that the requisite facility can be acquired by reading, concurrently with the work in the grammar, from one hundred to two hundred duodecimo pages of easy German — chiefly narrative prose, with a few lyric poems.

c) Ability to pronounce German, and to recognize German words and simple phrases when spoken. Careful attention should be given from the beginning to the fluent and intelligent reading of the German works used in the class room.

a), *b*), and *c*) taken together constitute 1 *unit;* recommended to all applicants for admission to the Colleges of Literature, Science, and Commerce and Politics. Either this unit, or the first unit of French is recommended to applicants for admission to the College of Arts.

2. This examination calls for proficiency in the language and literature, including:

a) A thorough knowledge of accidence (with the elements of word formation), of the principal values of prepositions and conjunctions, and of the essentials of German syntax — particularly that of the modal auxiliaries and the subjunctive and infinitive moods.

b) The translation of ordinary German at sight. This presupposes, in addition to the elementary requirement, the reading of the following works: *Burg Neideck* (Riehl); one of the three selections in Nichols' *Karl der Grosse nebst zwei andern Bildern aus dem Mittelalter* (Freytag); *Wilhelm Tell* and *Das Lied von der Glocke* (Schiller). Candidates are advised to read at least one German comedy in addition to the above.

c) The writing in German of a paragraph upon some subject selected from the works specified in the preceding list.

d) Ability to follow a recitation conducted in German, and to answer in that language questions asked by the instructor.

a), *b*), *c*), and *d*) taken together constitute 1 *unit*. German 2 or a second unit of French, is recommended to applicants for admission to the Colleges of Literature, Science and Commerce and Politics.

3. This examination calls for the ability to use the language effectively as a means of oral and written expression, tested by:

a) The translation of continuous English prose into idiomatic German.

b) A brief essay in German upon one of two subjects selected from the following works:

1900.— Heyse, *Das Mädchen von Treppi;* Nichols, *Three German Tales;* (Goethe, *Die neue Melusine;* Zschokke, *Der tote Gast;* Kleist, *Die Verlobung in St. Domingo*); Freytag, *Doktor Luther;* Keller, *Dietegen;* Gutzkow, *Zophf una Schwert.*

a) and *b*) taken together constitute 1 *unit*, and may be presented as the third unit of modern language recommended to candidates for the Colleges of Literature, Science, and Commerce and Politics.

ENGLISH.

The admission examination in English consists of three parts, *a*), *b*), and *c*).

a) The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number, perhaps ten or fifteen, set before him on the examination paper.

The topics will be drawn from the following works:

1900.—Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator;* Goldsmith's *Vicar of Wakefield;* Scott's *Ivanhoe;* De Quincy's *Flight of a Tartar Tribe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal.*

1901.—Shakespeare's *Merchant of Venice;* Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

The candidate is expected to read intelligently *all* the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important parts. In every case the examiner will regard knowledge of the book as less important than ability to write English.

b) A certain number of books are prescribed for careful study. This part of the examination will be upon subject-matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books prescribed for this part of the examination are:

1900.—Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books I and II; Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

1901.—Shakespeare's *Macbeth;* Milton's *Lycidas, Comus, L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

c) The candidate will be required to answer elementary questions on the history of English literature and on Grammar and Rhetoric. Stopford Brooke's *Primer of English Literature* and Hill's *Foundations of Rhetoric* are recommended as suitable text-books.

a), *b*), and *c*), taken together, constitute 2 *units.*

Required of all students.

REMARKS.—No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation, grammar, or division into paragraphs.

MATHEMATICS.

1*a*. *Algebra to Quadratic Equations*, with emphasis on the technique. Special attention should be given to factoring, the solution of equations, the algebraic formulation of the problem, and the simpler processes of radicals and exponents. Required of all students. *1 unit.*

1*b*. *Algebra through Quadratic Equations*, with emphasis on the statement and the demonstration of principles. Special attention should be given to radicals and exponents, imaginaries, systems of equations, and the theory of quadratic equations. Required of all students. *½ unit.*

NOTE.—It is desired that preparatory schools give to the subject of Algebra, beside the customary one year course, a more advanced course, not earlier than the third year of their curriculum. The second course should include a review of the previous work and a thorough study of the topics emphasized in 1*b*. The student in his first course is not sufficiently mature to do full justice to these topics, and first-course work will not satisfy the requirement 1*b*.

2. *Plane Geometry*, with emphasis on the demonstration of original propositions and the solution of original problems. Required of all students. 1 *unit.*

3. *Solid Geometry*, with emphasis on the demonstration of original propositions and the solution of original problems. Recommended to candidates for all colleges. *½ unit.*

ASTRONOMY.

The examination in astronomy calls for proficiency in the fundamental facts and principles of astronomy, including the more recent developments in the direction of spectroscopy and photography. Thorough familiarity with Young's *Elements of Astronomy* will afford adequate preparation for the examination. *½ unit.*

PHYSICS.

The work in preparation for this examination should include elementary mechanics, sound, heat, light, electricity and magnetism, as usually covered in a course of 35 or 40 weeks, 4 to 5 hours per week, one third to one half the total time being devoted to laboratory work.

The examination will be written and will cover both the text-book and experimental Physics. The candidate will be required to hand in the original notebook in which he recorded the steps and results of the experiments which he performed at school; and this notebook must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. The notebook should contain an index of the exercises which it describes.

Required of all students. 1 *unit.*

CHEMISTRY.

A course in elementary Chemistry as taught in the better class of high and preparatory schools, covering 35 to 40 weeks, 4 to 5 days per week, one third to one half of the

total assignment being devoted to laboratory work, will afford the necessary preparation for this examination. Two hours of laboratory work are reckoned as equivalent to one hour of assignment.

The examination will include questions designed to test the quality of the student's laboratory work. The records of this work must be kept and submitted to the examiner at the time of the examination. (See statement concerning notebook under Physics, p. 10, col. 2.) The candidate may be called upon to perform certain of the experiments in the college laboratory, under the eye of college officers, as a part of the examination. Remsen's, Roscoe's, and Storer and Lindsay's Elementary Chemistries are suitable text-books for preparation. 1 *unit.*

This unit of Chemistry is required of all students for admission to Rush Medical College.

GEOLOGY.

1. *Elementary Physiography.*—The requirement for this examination includes: *a*) a knowledge of the simpler facts and principles involved in Mathematical Geography; *b*) a knowledge of the general facts concerning atmospheric movements, precipitation, temperature, etc., together with the principles governing them; *c*) an elementary knowledge of the sea, including the general facts concerning its movements and their causes; and, *d*) a general knowledge of the earth's features, and their mode of origin. ½ *unit.*

2. *Advanced Physiography.*—For this examination more detailed knowledge will be required concerning the topics named above. In addition, the candidate should be familiar with the principles of climatology, the modern doctrines concerning the evolution and natural history of geographic features, and the distribution of life and its relations to surface conditions. ½ *unit.*

2 does not include 1. A unit's credit will be given those who pass both 1 and 2.

3. *Geology.*—The requirement for admission embraces the elementary features of petrographical, structural, dynamical, and historical geology. Familiarity with the modes of action of geological agencies and clear views of the progress and relations of geological events are essential. The student should be able to trace the evolution of the North American continent through the more important stages of geological history. ½ *unit.*

1 and 2, or 1 and 3, may be offered as the second unit of science required of candidates for the College of Science, and by others as an elective unit.

GENERAL BIOLOGY.

The candidate applying for admission credit in General Biology will be required: *a*) To submit to the examiner a notebook consisting of drawings and descriptions of the animals and plants studied. (See statement concerning notebook under physics, p. 10, col. 2). It is recommended that studies of at least fifteen principal forms be undertaken, that these studies be largely such as do not demand the use of a compound microscope, and that attention be given chiefly to those organisms that can be studied in a living condition; *b*) to demonstrate, in the college laboratory, under the supervision of college officers, that he possesses some power to observe accurately and intelligently. More stress will be laid on correct observation and on the careful record thereof, than upon technical terms; *c*) to answer in writing a few general questions about familiar animals and plants, such as the perch, cray-fish, grasshopper, moss, fern, some common type of flowering plant, etc. The candidates for 1901 will be expected to have some first-hand knowledge of the habits of the earthworm and the relation of insects to cross pollination.

These requirements have in view such work as is outlined in Boyer's *Elementary Biology.* 1 *unit.*

ZOÖLOGY.

If admission credit in Zoölogy is sought, the general character of the work required will be the same as that indicated under General Biology; but in this case the number of types of animals studied should be increased, so that the total amount of work offered is not less than that specified under General Biology. 1 *unit.*

BOTANY.

If admission credit in Botany is sought, the preparatory work should consist of the study of types from all the chief divisions of the plant kingdom, including a training in the fundamental principles of morphology, physiology, and classification. In every case laboratory notebooks (see statement concerning notebook under Physics, p. 10, col. 2) must be submitted to the examiner, and a written examination passed. 1 *unit.*

NOTE.—Two units of credit may be obtained by passing the examinations in Zoölogy and Botany; but a unit's credit will not be given for either of these subjects, if credit is received for General Biology. Any one of these three subjects may be offered as the second unit of science required of candidates for the College of Science, and by others as an elective subject.

PHYSIOLOGY.

The student should be familiar with human anatomy, the fundamental processes of Physiology, such as digestion, circulation, respiration, and assimilation, the methods by which they are carried on, and the elementary principles of hygiene. ½ *unit.*

A more detailed statement of the work required for admission in Latin, English, Physics, and Chemistry, has been

prepared by those departments, and may be had by applying to the departmental examiners for those departments.

3. Summary.

The unit values of the subjects in each department may be summarized as follows:

Political Science, Civil Government, ½ *unit.*

History, 1, 2, 3*a*, 3*b*, 4*a*, and 5*a*, *each*, ½ *unit;* 4*b* and 5*b* *each* 1 *unit.*

Greek, 1 and 2, 2 *units;* 3 and 4, 1 *unit.*

Latin, 1 and 2, 2 *units;* 3, 4, and 5, 2 *units.*

French, 1, 2, and 3, *each* 1 *unit.*

German, 1, 2, and 3, *each* 1 *unit.*

English, 2 *units.*

Mathematics, 1*a* and 2, *each* 1 *unit;* 1*b* and 3, *each* ½ *unit.*

Astronomy, ½ *unit.*

Physics, 1 *unit.*

Chemistry, 1 *unit.*

Geology. 1 and 2, Physiography, and 3, Geology, *each* ½ *unit.*

Biological group. 1, General Biology; 2, Zoölogy; and 3, Botany, *each*, 1 *unit.*

Physiology, ½ *unit.*

4. Prescribed and Elective Units.

1) *Prescribed Units.* A knowledge of certain of the branches heretofore outlined is deemed indispensable, and these are known as *prescribed units.* All candidates for admission to a Junior College will present 1 unit in History (1 and 2 above, p. 8), 2 units of Latin (1 and 2 above, see p. 8), 2 units of English (see pp. 9 and 10), 2½ units of Mathematics (1*a*, 1*b*, and 2 above, see p. 10), and 1 unit of Physics (see p. 10). In addition, candidates for the College of Arts will present 2 units of Greek (1 and 2 above, see p. 8), and candidates for Rush Medical College, will present 1 unit of Chemistry besides Physics (see pp. 10 and 11). The specific units prescribed are printed in bold-faced type in the table below.

The University offers no elementary instruction in the subjects mentioned in the last paragraph. If the student is admitted without credit for any of these units, the deficiency must be made up privately under satisfactory tutors, and the regular admission examination passed before the beginning of the student's second year of residence.

Courses are offered in these subjects in the University Extension Department of the University of Chicago, and at the Lewis Institute, situated near Rush Medical College.

2) *Elective Units.* The remaining units of the fifteen which are to be presented for admission are to be selected from the subjects in the list above. It is recommended, however that the selection be made as indicated in the table below. If the candidate offers units other than those recommended to the full amount of 15 units, he will be admitted without conditions, but the omitted subjects will be required in the colleges, two Majors of college work being accepted in place of one unit of preparatory work.

Not more than a total of four units of Science will be accepted for admission.

It will be observed that candidates who substitute other subjects for those recommended will thereby have a greater amount of required work in the colleges, and a correspondingly less amount of elective work.

3) *Recommended Grouping of Preparatory Subjects.* The University advises that the preparatory studies be arranged according to one of the following groups. The course for admission to the College of Science with the addition of Chemistry 1 unit is especially recommended for admission to Rush Medical College:

FOR ADMISSION TO THE COLLEGE OF ARTS

History (1 and 2)	1 unit
Greek (1 and 2)	2 units
Greek (3 and 4)	1 unit
Latin (1 and 2)	2 units
Latin (3, 4, and 5)	2 "
French (1) or German (1)	1 unit
English	2 units
Mathematics (1*a*, 1*b*, and 2)	2½ "
Mathematics (3)	½ unit
Physics	1 "

FOR ADMISSION TO THE COLLEGE OF LITERATURE

History (1 and 2)	1 unit
History (3*a* and 3*b*)	1 "
Latin (1 and 2)	2 units
Latin (3, 4, and 5)	2 "
French (1, 2, and 3 German (1, 2, and 3) or French and German	3 "
English	2 units
Mathematics (1*a*, 1*b*, and 2)	2½ "
Mathematics (3)	½ unit
Physics	1 "

FOR ADMISSION TO THE COLLEGE OF SCIENCE

History (1 and 2)	1 unit
Latin (1 and 2)	2 units
French (1, 2, and 3) / German (1, 2, and 3) or / French and German	3 "
English	2 "
Mathematics (1*a*, 1*b*, and 2)	2½ units
Mathematics (3)	½ unit
Physics	1 "
Chemistry	1 "
2 additional units of Science	2 units

FOR ADMISSION TO THE COLLEGE OF COMMERCE AND POLITICS

History (1 and 2)	1 unit
History (3*a* and 3*b*)	1 "
Latin (1 and 2)	2 units
Latin (3, 4, and 5)	2 "
French (1, 2, and 3) / German (1, 2, and 3) or / French and German	3 "
English	2 units
Mathematics (1*a*, 1*b*, and 2)	2½ "
Mathematics (3)	½ unit
Physics	1 "

NOTE 1.—The numbers in the parentheses correspond to those used in the detailed description of admission subjects above, on pp. 7–11.

NOTE 2.—The prescribed units are printed in **boldfaced** type.

4) *General Remark upon the Requirements.* The preparatory teacher should note that the University will insist, in all the above requirements, upon the power to ascertain and use facts in addition to a knowledge of facts.

5) *Times and Places of Examinations.* Examinations for admission are held four times a year at the University. (For dates see calendar, p. 3.) They are also given at the request of students or teachers at any of the regular dates, in cities outside of Chicago in which satisfactory arrangements can be made. Applications for such examinations should be made to the Dean of Affiliations at least 30 days in advance. Examinations for admission at other than the regular dates may be given only at the University, and that by special permission of the Dean and upon the payment of a fee of not less than $10.00 nor more than $15.00 (the amount being dependent on the number of examinations taken).

Candidates for admission are not required to take all the examinations at one time.

6) *Fee for Examination for Admission.* A fee of $5.00 is charged for examination for admission. This is paid when the first examination is taken.

7) *Principals' Certificates.* All applicants for entrance examinations who have been in regular attendance at a preparatory school or who have done their preparatory work under a private instructor should present, for each subject which they offer, a written certificate that the preparatory work required for the examination has been covered. This certificate should be signed by the principal of the school or by the private instructor.

8) *Students from Affiliated and Coöperating Schools.* Students from these schools are admitted to the University upon presentation of a *subject certificate* covering each of the subjects stated above as required for admission. Such students pay the regular entrance examination fee of $5.00 at the time of matriculation. The affiliated and coöperating schools are named below:

9) *Affiliated Schools.* The following is a list of affiliated schools doing preparatory work: Bradley Polytechnic Institute, Peoria, Ill.; Culver Military Academy, Culver, Ind.; Frances Shimer Academy, Mt. Carroll, Ill.; South Side Academy, Harvard School, Kenwood Institute, Chicago Manual Training School, Princeton-Yale School, Dearborn Seminary, all of Chicago; Rugby School, Kenilworth, Ill.; Wayland Academy, Beaver Dam, Wis.; Elgin Academy, Elgin, Ill.

10) *Coöperating Schools.* The following is the list of coöperating secondary schools:

The High Schools of Chicago, viz.: Austin, Calumet, Englewood, English High and Manual Training, Hyde Park, Jefferson, Lake, Lake View, Marshall, Medill, North Division, Northwest Division, South Chicago, South Division, West Division.

Other High Schools in Illinois: Aurora (East Side), Aurora (West Side), Blue Island, Clyde, Elgin, Evanston Township, Harvey, Hinsdale, Joliet, La Salle, Lyons Township, Moline, Oak Park, Ottawa Township, Peoria, Princeton, Riverside, Rockford, Rock Island, Springfield, Waukegan.

In California: San Francisco Girls' and Lowell High Schools.

In Colorado: Denver High School.

In Indiana: Fort Wayne High School, Indianapolis High School, Indianapolis Industrial Training School, Classical School for Girls, Indianapolis, La Porte, Terre Haute, and Richmond High Schools.

In Iowa: Des Moines (West Side), Dubuque, Keokuk, Sioux City, Cedar Rapids, Clinton, Council Bluffs, and Ottumwa High Schools.

In Kansas: Fort Scott, Leavenworth. and Topeka High Schools.

In Kentucky: Male High School and Girls' High School, Louisville.

In Michigan: Battle Creek, Benton Harbor, and Grand Rapids High Schools, Michigan Military Academy, Orchard Lake, St. Joseph High School.

In Minnesota: Duluth, Minneapolis, Central, and East Side High Schools, and Shattuck School, Faribault.

In Missouri: Hosmer Hall (St. Louis), St. Louis and Kansas City High Schools, and Kansas City Manual Training High School.

In Nebraska: Omaha High School.

In Ohio: Cleveland (Central), Columbus (Central), Toledo, and Youngstown High Schools.

In Pennsylvania: Pittsburg High School, Westtown Boarding School, Westtown.

In Wisconsin: Milwaukee Downer College, Hillside Home School, Milwaukee (S., E., and W. Side) and Racine High Schools.

11) For the year beginning July 1, 1900, credits from the following schools, in addition to the foregoing list, will be accepted for admission to Rush Medical College: Four-year High Schools and Academies on the accredited lists of the following Universities: the University of Wisconsin, the University of Michigan, the University of Minnesota, the University of Iowa, the University of Illinois, the University of Nebraska, the University of Kansas, the University of Indiana, and the University of Ohio. *These credits from these schools will not be accepted for admission to the University of Chicago, but only for admission to Rush Medical College.*

For the sessions of 1902–3 and 1903–4 there will be required a certificate of admission to the second year of one of the regular courses of the University of Chicago, or to the Sophomore class of an institution of equal rank, or, in lieu of this, examination in the corresponding branches.

For the session of 1904–5, the student must be prepared to enter the Senior College of the University of Chicago, or the Junior class of an institution of similar rank.

REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING

1. To graduates of other reputable institutions, fully recognized by the Illinois State Board of Health, and whose instruction is deemed by the faculty equal to that given at this institution, full credit will be given for the time spent in actual attendance (estimated in months) at such institution, and for such work, successfully completed therein, as may be the equivalent of courses offered at this institution in the Freshman, Sophomore, and Junior years. Every such student must remain in residence at Rush Medical College during at least three quarters, and successfully complete at least twelve majors of work, in order to be entitled to receive the degree of Doctor of Medicine. The faculty reserves the right to submit *any* student, applying for advanced standing, to examination in the work completed elsewhere and for which he asks credit.

2. Students from other medical schools, whose requirements are equal to those of this institution, may receive full credit for the time spent (estimated in months), and for any work successfully completed in such institutions, in so far as it is equivalent to the corresponding work in this college.

A student applying for such advanced standing should give an explicit statement in regard to his preliminary education, the date of beginning and ending of each session which he has attended in the medical college, together with the name of the college and a statement of the branches which he has successfully completed. The latter statement should set forth, if possible, the exact number of hours given to each branch. If a student is obliged to accept conditions in more than one Major of Freshman work he will find it greatly to his advantage to pursue a preliminary quarter at Rush Medical College, making up this back work before beginning the work of the Sophomore year.

3. Graduates of reputable and regularly established colleges of dentistry, of pharmacy, or of veterinary medicine, which require before graduation attendance on a course extending over two or more years, may be admitted to the Sophomore class on condition: (*a*) that they shall have completed 9 Majors of work corresponding to the branches of the Freshman year in Rush Medical College (see pp. 18–26); (*b*) that they comply with the entrance requirements (see Requirements for Admission); (*c*) that they pass examinations on the branches of the Freshman year. Such student may accept conditions in such branches of the Freshman curriculum as he has not completed in the schools referred to above, which conditions must be made up during his attendance at this college.

4. Graduates of recognized colleges of arts or science which require a regular attendance of four years as essential to graduation may be admitted to the Sophomore course without examination, provided that they furnish, beside their diploma or certificate of graduation, satisfactory evidence of having creditably done at least 140 hours of work in each of the following branches: Chemistry, Biology or Comparative Anatomy, Botany, Zoölogy, Physics, Physiology, Histology, and

Embryology. They will be given credit, without examination, for such work of the Freshman year as has been successfully completed in other college courses, but will be conditioned in such Freshman branches as have not been taken elsewhere. Such condition must be made up during the course at this college.

NOTE 1.—Students who are well qualified in other branches, under special conditions, are allowed to present certain credits for the Sophomore year in lieu of those lacking in the Freshman year.

NOTE 2.—Those lacking 2 or 3 Majors for entrance to any year are recommended to complete these in one or more quarters as special students, after which they may enter the regular course.

CONDITIONS.

A student cannot advance to a higher class who has failed to pass in more than 4 Major courses of study of the previous year. These conditions must be removed during the ensuing year; no condition can be carried over more than one year.

REQUIREMENTS FOR GRADUATION

The following are the requirements for the degree of Doctor of Medicine:

The candidate must not be less than twenty-one years of age, and must have studied medicine for four years. He must have paid all dues, must have complied with all the requirements, and must have maintained unexceptional conduct while at the college.

He must have attended twelve full Quarters or an equivalent amount of time in a recognized medical school, of which the last three Quarters must have been in this institution, and forty-five months must have elapsed between the beginning of his first course of medical lectures and the date of his graduation.

He must have completed the full course of study, and have credits for the total number of Majors required in each course.

He must have completed, successfully, all of the work required, as follows:

Freshman year: Anatomy, 4 Majors; Histology, .5 Majors; Physiology, 3 Majors; Chemistry, 4.8 Majors; Pathology, .5 Major.

Sophomore year: Anatomy, 2.5 Majors; Physiology, 2 Majors; Chemistry, 2.4 Majors; Materia Medica, 2.4 Majors; Pathology, 2 Majors.

Junior and Senior years: Therapeutics and Preventive Medicine, and Jurisprudence, 2 Majors; Pathology, 1 Major; Medicine, 5 Majors; Surgery, 6 Majors; Obstetrics and Gynecology, 3 Majors; Diseases of the Chest, Throat, and Nose, 2 Majors; Ophthalmology and Otology, 1 Major; Skin, Genito-Urinary, and Venereal Diseases, 1 Major.

He must pass a final examination, both written and oral, in each of the practical departments, viz., Therapeutics, Medicine, Surgery, Obstetrics and Gynecology, Diseases of the Chest, Throat, and Nose, Ophthalmology and Otology, Skin, Genito-Urinary, and Venereal Diseases. These examinations will be given during the last quarter of his attendance.

THE DEGREES OF B.S. (UNIVERSITY OF CHICAGO) AND OF M.D. (RUSH MEDICAL COLLEGE)

A student in the Senior College (junior and senior years) at the University of Chicago, who has completed nine majors of senior college work, may present as the nine remaining majors the first year's work in Medicine, taken at the University or in Rush Medical College, or in both.

A Senior College student in the College of science, who has completed *twelve* majors of Senior College work, and who has sufficient preparation, by virtue of having accomplished the first year's work in medicine in the University, may present, as the six remaining majors, the second year's work in Medicine, taken in Rush Medical College, or (after July 1, 1907) in the University, or in both.

It will be seen, therefore, that a student who has completed the Junior College work at the University of Chicago, or the Sophomore year at a college whose credits are accepted by the University as a full equivalent of the corresponding work at that institution, may enter the Senior College (junior year) at the University, and in three Quarters' residence at that institution may take work which is equivalent to the Freshman year of the Medical School. He can then enter the Sophomore year at the College, and on the completion of the Sophomore year there (requiring three Quarters) receive the degree of Bachelor of Science from the University.

Such student will matriculate at the College, and pay, in addition to his University fees, a fee of ten dollars for each Quarter of the year during which he may be pursuing studies both at the College and the University.

FEE FOR ENTRANCE EXAMINATIONS.

Students whose preliminary qualifications are not attested by diplomas entitling them to entrance without examination, will take the entrance examination conducted by the Univer-

sity, for which they will pay to the University the usual fee of five dollars.

College Fees.

Matriculation fee, five dollars, payable but once.

Tuition for each Quarter, fifty dollars.

A discount of five dollars is made when the fee for three successive Quarters is paid in advance.

No student can be assigned to any College work until his fees are paid.

Fees are not accepted after the conclusion of the first week of any Quarter.

It is intended to increase gradually the tuition fees, but a student in continuous attendance (at least two Quarters each year) may pursue his whole course by paying the fees in vogue at the time of his matriculation. The annual ticket for each of the various hospitals in the city is usually five dollars. Attendance is obligatory upon the county hospital only. Only the Junior and Senior classes are required to attend this hospital.

Deposits.

A deposit of five dollars is required from each student to cover the cost of unnecessary damage in the College buildings, and of avoidable loss and breakage in the laboratories. Deductions will be made from this deposit to cover the cost of articles not returned, or of damage to college property. Each student will be charged for damage or loss for which he is individually responsible, and for his *pro rata* share of damage or loss, the responsibility for which cannot be individually located. This deposit must be made on entering the College.

Members of the graduating class may rent from the College the cap and gown worn at the commencement exercises. These articles are to be returned in good order.

Each student who procures a skeleton from the Osteological Laboratory will deposit twelve dollars for the same, which sum will be refunded when the skeleton is returned uninjured; he may, however, retain the skeleton if he so desires, in exchange for the amount deposited.

Physicians Fees.

Graduates of this College are admitted to all lectures upon the payment of an annual fee of five dollars. Graduates of other colleges, attending the full course, will pay the fees of undergraduate students.

Special laboratory courses may be taken on the payment of a fee of from ten to twenty dollars for each course, depending on the amount and character of the work.

Graduates of this or other colleges who are visiting the city for a brief time are cordially welcomed, but are requested to procure complimentary tickets at the office.

No one is authorized to make any modification of the terms regarding fees. On financial matters the Registrar, who represents the Comptroller at the College office, should be consulted.

Library and Reading Room.

The Student's Library and Reading Room is well provided with current medical literature. Standard periodicals, published in the English, German, French, and other languages, are on file. The library also contains a large assortment of books, as well as the principal dictionaries, encyclopedias, and indices.

MISCELLANEOUS INFORMATION FOR STUDENTS

Attendance.—In order to be properly credited with attendance on any given term or course, it is imperative that students be present at the opening of each Quarter. *No student will be registered after the fifth day of any Quarter.*

Matriculation.—Each student matriculates on entering the College for the first time, but not for subsequent Quarters.

Registration.—Each student registers at the beginning of each Quarter, or earlier if desired, by the payment of the tuition fee for the Quarter, and filing a registration card.

Selection of Seats.—A seat in the amphitheater is assigned to each student for the lectures and clinics of his class, which may be selected at the time of matriculation. The seat may also be secured by the payment of $5.00 or more of the tuition for the Quarter, and this sum may be sent by mail. Matriculation also may be accomplished by mail.

Division of Classes into Groups.—In order to facilitate the arrangement of the classes for work in small groups, each class will be subdivided into groups of twelve students each, each group being designated by a letter. Students will be assigned to groups in the order of registration.

A student, upon entering the College at the beginning of his first Quarter, will procure from the Registrar a blank application for admission, fill out the same carefully, and return it to the Registrar, with the matriculation fee, for which he will receive a receipt.

The student will then present himself to one of the Deans and exhibit to him the credentials for admission. (See Requirements for Admission, pp. 7–15). In case these credentials are insufficient to admit to the College, the Dean will arrange with the applicant as to the time and place of the entrance examinations.

Having satisfied the Dean respecting the qualifications for admission, the student will pay his fees to the Registrar and then present himself to Dean Dodson, who will issue a card certifying admission to the proper class, and will advise respecting the courses of study to be taken.

Any student who is twenty one years of age, who is qualified to enter the Junior College at the University, and who has had at least two *units* of *chemistry*, may take the courses of the Freshman year at the University of Chicago, as an unclassified student, or he may take them at Rush Medical College, as he elects.

After July 1. 1901, no Freshman work will be offered at the College, bu only at the University. After July 1, 1902, the work of both Freshman and Sophomore years will be offered only at the University. After July 1, 1904, another year will be added to the clinical and practical work of Rush Medical College, making the complete medical course, extend over five years.

Students applying for Advanced Standing will present their credits for previous work to Dean Dodson, who is authorized to pass upon all credits for courses occurring in the years previous to the Quarter on which the student desires to enter. Should a student desire exemption from any course occurring in the class to which he is admitted, he will apply for the same to the head of the department in which that course occurs.

Schedule of Lecture Hours.

Schedules are issued from the College office giving the time and place of each exercise.

Board and Lodging.

Rooms may be obtained in the vicinity of the College at from $1.00 to $3.00 per week. Day board may be had at from $2.50 to $5.00 per week. Board and room together may be obtained at from $3.50 to $7.00 per week. A Bureau of Information is maintained at the College to which students may apply for directions as to desirable board and lodging.

Books and Instruments.—The average annual cost of the required books and instruments varies from $15.00 to $20.00.

The following table will furnish an estimate of the expenses of a student for each Quarter.

	Lowest	*Average*	*Liberal*
Matriculation fee (paid only the first Quarter),	$ 5.00	$ 5.00	$ 5.00
Tuition for each Quarter,	50.00	50.00	50.00
Board and room,	42.00	60.00	84.00
Laundry,	5.00	7.00	12.00
Books and instruments,	5.00	7.00	12.00
Incidental expenses,	15.00	25.00	35.00
	$122.00	$154.00	$198.00

Credentials for Work.

In order to obtain a credit slip for work of any year, each student should leave his correct home address at the College office before June 1. His credit slip will be sent to him by mail, and will show the amount of work done during the preceding year, together with any and all conditions registered against the student.

The Young Men's Christian Association.

A branch of the Young Men's Christian Association is in active operation at Rush Medical College, and the headquarters of the West Side Association are situated within a short distance of the College buildings. Membership in this Association, with the privileges of gymnasium, bathrooms, lecture-courses, etc., may be obtained through the Rush Medical branch at reduced prices.

Further information in regard to the Association may be obtained by application to the Rush Medical College branch of the Association.

THE QUARTERLY SYSTEM

The Academic year of Rush Medical College is dated from the first day of July, and is divided into four Quarters corresponding with those recognized in the University of Chicago. These are designated as the Summer, Autumn, Winter, and Spring Quarters, beginning, respectively, on the first of July, the first of October, the first of January, and on the first of April, each continuing for twelve weeks. A recess of one week occurs between the end of each Quarter and the beginning of the next following. The Christmas holiday recess will continue ten days. Instruction in all Departments of Medicine will be given in courses occupying a certain number of hours weekly throughout each Quarter, or, in special cases, for a single term only of half a Quarter.

The Curriculum as Related to the Quarterly System.

The general course of instruction in Rush Medical College requires four years of study in residence, with a minimum of attendance upon three Quarters of each year. These years are designated as the Freshman, Sophomore, Junior, and Senior years, respectively.

A student may begin his college work on the first day of any Quarter, and may continue in residence for as many successive Quarters as he desires, and will receive credit for work accomplished. Attendance during all the four Quarters of the year is optional, but will not secure a time credit of more than one year. At least forty-five months must

elapse between the date of a first matriculation and the date of graduation. Under the restrictions imposed, this system does not conflict with the existing medical practice acts, nor with the rulings of the various State Boards of Medical Examiners.

The curriculum of instruction has been arranged in such a way as to insure for the student beginning his medical studies with any single Quarter of the year, a complete annual course during any three consecutive Quarters, but students entering the Freshman or Sophomore years are advised to enter at the beginning of the autumn Quarter, if possible.

The Summer Quarter.

Attention is directed to the special opportunities afforded in this college for medical study in the Summer Quarter. The climate of Chicago is particularly well adapted to midsummer work, the clinical resources of the College and of the dispensary being then actually increased in extent and value. At this season, further, diseases may be studied which are rarely encountered during the other months of the year. Hereafter instruction in all departments will be given in the Summer Quarter.

Vacations and Recesses.

The Christmas vacation at the close of the Autumn Quarter occupies ten days. A recess of one week follows the conclusion of each of the other three Quarters of the year.

Required, Elective, and Optional Courses.

A certain number of courses, especially in the Freshman and Sophomore years of study are required as essential to securing credit in making up the four years' curriculum which must precede graduation. All of the courses offered in the Junior and Senior years will, after July 1, 1900, be made elective, that is, the student will be required to select from the list of elective courses a number sufficient to insure him credit for about 12 Majors each year. The term Major is fully explained in another paragraph. By this system the student can select not only his line of study but also his teachers in such special lines; and can further so arrange his work that in successive years he can practically include all branches taught in the College. He will be required to present, however, a minimum amount of credit in each department. See Requirements for Graduation.

The Quarterly system with Elective Courses is especially well adapted to the medical curriculum, and possesses the advantage of allowing each student to select a portion of his studies, and so to adapt his course to his tastes, his abilities, and his needs. This election applies for the present, however, only to the Junior and Senior years.

Optional courses, in addition to those described above, are offered to students who desire to add to the regular work as outlined in the requirements for graduation. These optional courses are designed to promote a higher scholarship and to increase facilities for work in special departments.

Definition of Major and Minor.

A Major course is defined as a didactic or recitation course, occupying five hours a week for one Quarter (a total of 60 hours), or a laboratory, practical, or clinical course, occupying ten hours a week for one quarter (a total of 120 hours). A double Major occupies twice the number of hours per week for the Quarter.

A Minor course is a didactic or recitation course, occupying five hours a week for one half a Quarter, or six weeks; or a laboratory course, occupying ten hours per week for a similar period. The value of each course in the following departmental statements is stated as a *major* (Mj.), a *double major* (DMj.), a *minor* (M.), a *double minor* (DM.), or the decimal fraction of a *major* or *minor*.

THE DEPARTMENTS OF INSTRUCTION[1]

COURSES IN THE UNIVERSITY OF CHICAGO OFFERED TO STUDENTS OF MEDICINE

Courses in Physics and Chemistry.

Students intending to study medicine are recommended to take, during the two years of the Junior College, 3 Majors of Physics and 3 Majors of Chemistry, as training in these two subjects furnishes the best foundation for further work. Subsequently three more Majors of Chemistry should be taken.

The Physics and Chemistry above mentioned are given in the following courses:

General Physics, XIX.—*3 Majors.* Courses 1, 2, and 3. These are given as follows:

Course 1, every quarter.
Course 2, Winter and Summer Quarters.
Course 3, Spring and Summer Quarters.

General Chemistry, XX.—*2 Majors.* Courses 1 and 2, or 1B and 2B, or DMj Course 4. These are given as follows:

Courses 1 and 1B, Autumn Quarter.
Courses 2 and 2B, Winter Quarter.
Course 4, Summer Quarter.

Qualitative Analysis, XX.—*2 Majors* or *2 Double Minors.* Courses 6 and 7. These are given every quarter both as Mjs and DMs.

[1] The courses enumerated in this statement are fully described in the Circulars of Information issued by the University of Chicago, copies of which may be obtained on application to the University. A student who is prepared to enter the Junior College of that institution, and who has had the requisite amount of physics and chemistry, may elect such courses as will correspond to the required work of the Freshman year at Rush Medical College (see statement on page 17, first column).

Organic Chemistry, XX.—*2 Majors.* Course 14 and 15, or Course 17. These are given as follows:

Course 14, Autumn Quarter.
Course 15, Winter Quarter.
Course 17, Summer Quarter.

The lecture hours are given in the current "Announcements." Laboratory hours in Chemistry Courses can be arranged with the instructors so as to prevent conflict with other work.

COURSES IN BIOLOGY.

The Coures named below are intended for Senior College and Graduate Students.

Physiology, XXIV.—*3 Majors.* Courses 2, 3, and 4 given consecutively, beginning with the Autumn Quarter of each year.

Osteology, XXIII.—*1 Minor.* Course 3, Autumn Quarter.

Anatomy, XXIII.—*1½ Majors.* Courses 4, 5, and 6, Autumn and Winter Quarters.

Histology, XXIII.—*2 Majors.* Courses 1 and 2. Course 1 is given in the Autumn, Spring, and Summer Quarters, and Course 2 in the Winter and Summer Quarters.

Neurology, XXV.—*1 Major.* Course 3, Spring and Summer Quarters.

Embryology, XXII.—*1 Major.* Course 16. Winter Quarter.

Bacteriology, XII.—*2 Majors.* Courses 20 and 21. Course 20 is given in the Autumn and Summer Quarters, and Course 21 in the Winter and Summer Quarters.

The statements concerning days and hours for the above courses can be found by consulting the Quarterly Announcements.

COURSES IN RUSH MEDICAL COLLEGE

I. DEPARTMENT OF ANATOMY

OFFICERS OF INSTRUCTION

PROFESSOR LEWELLYS FRANKLIN BARKER
ASSISTANT PROFESSOR EDWIN RAYMOND LECOUNT
INSTRUCTORS CHARLES AUBREY PARKER, THOMAS ALBERT OLNEY
ASSISTANTS CHARLES H. PARKES, ERNEST L. MCEWEN, DEAN D. LEWIS, ELMER A. IRWIN

INTRODUCTORY

Anatomy, gross and microscopic, including also embryology and histology, are taught by means of lectures and conferences, recitations, demonstrations, and by practical work in the laboratories of osteology, or practical anatomy, histology, and embryology. The lectures are illustrated by charts, models, wet and dry specimens, and by recent dissections of the human body, and by the living model. The laboratory of osteology, on the fourth floor of the Clinical Building, contains a large collection of vertebrate skeletons and several hundred human skeletons. A human skeleton is loaned to each student without charge, excepting a deposit to insure its careful use and safe return.

The laboratory of practical anatomy, occupying the fifth floor of the Laboratory Building, comprises three large, well-lighted rooms; an abundance of material is provided. The laboratories of histology, microscopic anatomy, and embryology, on the second floor of the Laboratory Building, are provided with microscopes, microtomes, and other necessary appliances for the technique of microtomy. Each student is expected to provide his own slides, covers, slide-boxes, cards for drawing, and a section-mounting case.

Opportunities will be afforded, by special arrangement, to a limited number of students and physicians who are qualified to undertake it, for advanced work and original investigation.

COURSES OF INSTRUCTION

FRESHMAN YEAR.

1. **Osteology.**—A course in the anatomy of the human skeleton, by means of lectures, recitations, laboratory exercises, and demonstrations.
   Mon., Sat., 9 : 00.
   Tues., Thurs., 8 : 00.
   Wed., Fri., 3 : 00–5 : 00 (First Term only).
   Summer Quarter, 1900.
   Autumn Quarter, 1900. Mj.

(The assignment of the instructional force for the courses in this department will be announced hereafter.)

2. **Arthrology and Myology.**—A course in the descriptive and surgical anatomy of the joints and muscles, by lectures, demonstrations, and recitations.
   Mon., Sat., 9 : 00.
   Tues., Thurs., 8 : 00.
   Winter Quarter, 1901. .8Mj.

3. **Angiology and Elementary Splanchnology.**—A course in the anatomy of the blood-vessels and the viscera of the trunk, by means of lectures, recitations, and demonstrations.
   Mon., Sat., 9 : 00.
   Tues., Thurs., 8 : 00.
   Spring Quarter, 1901. .8Mj.

4. **Practical Anatomy.**—A course in the dissection of the human body.
   Daily, except Saturday, from 1 : 00–3 : 00.
   First Term, Winter Quarter, 1901. M.

5. **Histology and Microscopic Anatomy.**—A laboratory demonstration and conference course, given to the class in sections.
   Daily, except Monday, 10 : 00–12 : 00.
   Tues., Fri., 1 : 00–2 : 00.
   First Term, Summer Quarter, 1900.
   First and Second Terms, Autumn Quarter, 1900.
   First Term, Spring Quarter, 1901. M.

PROFESSOR BARKER AND ASSISTANT PROF. LECOUNT.

SOPHOMORE YEAR.

6. **Neurology and Organs of Special Sense.**—A didactic, recitation, and conference course in the anatomy, gross and microscopic, of the nervous system.
   Mon., Sat., 10 : 00.
   Mon., Wed., 11 : 00.
   Laboratory hours to be announced.
   Autumn Quarter, 1900. Mj.
   PROFESSOR BARKER.

7. **Practical Anatomy.**—A course in the dissection of the human body.
   Daily, except Saturday, 1 : 00–4 : 00.
   Second Term, Autumn Quarter, 1900.
   Second Term, Winter Quarter, 1901. M.

8. **Advanced Splanchnology.**—A lecture, conference, demonstration, and recitation course in the anatomy of the viscera.
   Mon., Sat., 10 : 00.
   Mon., Wed., 11 : 00.
   Winter Quarter, 1901. .8Mj.

9. **Embryology.**—A lecture, conference, laboratory, and recitation course.
   Mon., Sat., 10 : 00.
   Mon., Wed., 11 : 00.
   Laboratory daily. 8 : 00–10 : 00 (one Term only).
   Spring Quarter, 1901. Mj.

JUNIOR YEAR.

10. **Surgical Anatomy.**—A lecture and demonstration course on anatomy as applied to surgery. (*Elective.*)
    Tues., Thurs., 10 : 00.
    Autumn Quarter, 1900.
    Winter and Spring Quarters, 1901. .4Mj.
    ASSOCIATE PROFESSOR BEVAN.

This course is also elective for senior students.

11. **Research Work** (*Elective*).—Advanced work and original investigation may be taken by a limited number of students and physicians who have the requisite preliminary training, in any of the subjects dealt with in the department of Anatomy. Professor Barker should be consulted by those desiring to take such a course. Hours will be assigned for the course to suit the convenience of those taking it, and credit will be given for the work done, according to its amount and character, of the value, for each quarter, of from 1 to 3Mj.

II. DEPARTMENT OF PHYSIOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR JACQUES LOEB.
ASSISTANT PROFESSORS B. MCPHERSON LINNELL AND ELIAS P. LYON.
ASSISTANTS ——————— ———————

INTRODUCTORY

The Laboratory of Physiology, on the first floor of the Laboratory Building, is supplied with the necessary apparatus for the fundamental experiments in physiology.

For the recitation the text-books used for the session of 1900–1901 will be: For the Freshman Class, Stewart's *Manual of Physiology*, third edition; for the Sophomore Class, *The American Text-Book of Physiology*.

COURSES OF INSTRUCTION

FRESHMAN YEAR.

1. **Physiology of Nerves and Muscle, Blood and Circulation.**

Lectures: Mon., Wed., Fri., 8:00.
ASSISTANT PROF. LYON.

Recitation: Sat., 8:00.
ASSISTANT PROFS. LINNELL AND LYON.

Laboratory exercises: Mon., Tues., Wed., 10:00–12:00. (One exercise weekly for each section.)
Autumn Quarter, 1900. Mj.
ASSISTANT PROF. LINNELL.

2. **Physiology of the Central Nervous System, and of the Sense Organs.**

Lectures: Mon., Wed., Fri., 8:00.
ASSISTANT PROF. LYON.

Recitation: Sat., 8:00.
ASSISTANT PROFS. LINNELL AND LYON.

Laboratory exercises: Mon., Tues., Wed., 10:00–12:00. (One exercise weekly for each section.)
Winter Quarter, 1901. Mj.
ASSISTANT PROF. LINNELL.

3. **Respiration, Animal Heat, Digestion, Absorption, Excretion.**

Lectures: Mon., Wed., Fri., 8:00.
ASSISTANT PROF. LYON.

Recitation: Sat., 8:00.
ASSISTANT PROFS. LINNELL AND LYON.

Laboratory exercises: Mon., Tues., Wed., 10:00–12:00. (One exercise weekly for each section.)
Spring Quarter, 1901. Mj.
ASSISTANT PROF. LINNELL.

SOPHOMORE YEAR.

4. **The Physiology of the Central Nervous System and of the Sense Organs.**

Lectures: Tues., Thurs., Fri., 10:00.
PROFESSOR LOEB.
ASSISTANT PROF. LYON.

Recitation: Sat., 10:00.
ASSISTANT PROFS. LINNELL AND LYON.

Laboratory exercises: Mon., Tues., Wed., Thurs., 8:00–10:00. (One exercise weekly for each section.)
Winter Quarter, 1901. Mj.
ASSISTANT PROFS. LINNELL AND LYON.

5. **The Physiology of Protoplasm,** comprising the Physiology of the Cell, the Theories of Fermentation, Irritability, the application of Physical Chemistry to Biological Problems, the Physiology of Regeneration and Embryonic Development.

Lectures: Tues., Thurs., 11:00; Wed., 10:00.
PROFESSOR LOEB.

Recitations: Sat., 11:00.
Spring Quarter, 1901. .8Mj.
ASSISTANT PROFS. LINNELL AND LYON.

III. DEPARTMENT OF CHEMISTRY

OFFICERS OF INSTRUCTION

PROFESSOR WALTER S. HAINES
ASSISTANT PROFESSORS JEROME H. SALISBURY, JACOB ALLEN PATTON
ASSISTANTS RALPH W. WEBSTER, FRANK H. HACKING, ERNEST L. McEWEN, AND OSCAR T. ROBERG
FELLOW CHARLES SAMUEL WOODS

INTRODUCTORY

One year of general Chemistry, such as is given by the better grade of high schools, is required for admission.

Instruction in Chemistry is given during the first two years of the college course. Inorganic and general organic chemistry are completed in the Freshman year; and toxicology, urinalysis, and other parts of medical chemistry are studied in the Sophomore year.

The instruction is given by lectures suitably illustrated with experiments, recitations in small sections from a text-book, and practical laboratory work. Throughout the entire course especial attention is given to topics of medical importance.

The chemical laboratory occupies the third floor of the laboratory building and is completely equipped for both elementary and advanced work. Each student is given a separate desk, supplied with gas and water, and is furnished with all necessary chemicals and apparatus. Preceding or following a large number of the laboratory exercises, a conference is held in one of the lecture rooms between the class and one of the professors in which questions are asked concerning the work done and explanations given.

Students entering the Freshman class who have had not less than a year's practical and didactic instruction in chemistry (including general organic chemistry) in a high grade college or university, may be exempted from the work in Freshman chemistry upon presenting a satisfactory credential of this previous study and passing an examination. The examination will be devoted in a considerable degree to subjects of medical importance and will include the elements of qualitative analysis.

Students entering the Sophomore class, who have received not less than two years of practical and didactic instruction in chemistry (including organic chemistry, urinalysis, and toxicology) in a high grade college of pharmacy, dentistry, or veterinary surgery, may be exempted from the course in Sophomore chemistry upon presenting a satisfactory credential of previous study, and passing an examination. The examination will be devoted largely to subjects of medical interest.

COURSES OF INSTRUCTION

FRESHMAN YEAR.

1. **Chemistry of the Non-Metallic Elements.**
Lectures: Wed., Thurs., 9:00.
PROFESSOR HAINES.
Recitations: Tues., Fri., 9:00.
ASSISTANT PROF. PATTON,
DRS. ROBERG AND WOODS.
Laboratory: Mon., Fri., 1:00–5:00; Second Term.
Two sections alternating.
PROFESSOR HAINES, ASSISTANT PROF. SALISBURY,
DRS. ROBERG AND WOODS.
Autumn Quarter, 1900. 1.4Mj.

2. **The Chemistry of the Metallic Elements.**
Lectures: Wed., Thurs., 9:00.
PROFESSOR HAINES AND ASSISTANT PROF. PATTON.
Recitations: Tues., Fri., 9:00.
ASSISTANT PROF. PATTON,
DRS. HACKING, ROBERG, AND WOODS.
Laboratory: Mon., Fri., 1:00–5:00; Second Term.
Two sections alternating.
PROFESSOR HAINES, ASSISTANT PROF. SALISBURY,
DRS. HACKING, ROBERG AND WOODS.
Winter Quarter, 1900. 1.4Mj.

3. **Organic Chemistry.**
Lectures: Wed., Thurs.. 9:00.
PROFESSOR HAINES.
Recitations: Tues., Fri., 9:00.
ASSISTANT PROF. PATTON,
DRS. HACKING AND WOODS.
Laboratory: Mon., Fri., 10:00–5:00; First half of Second Term. Two sections alternating.
PROFESSOR HAINES, ASSISTANT PROF. SALISBURY,
DRS. HACKING AND WOODS.
Spring Quarter, 1901. Mj.

3*a*. **Organic Chemistry.**
Lectures: Wed., Thurs., 9:00.
ASSISTANT PROFESSOR PATTON.
Recitations: Tues., Fri., 9:00.
DR. WOODS.
Laboratory: Mon., Fri., 1:00–5:00. Last half of Second Term.
ASSISTANT PROF. SALISBURY.
Summer Quarter, 1900. Mj.

SOPHOMORE YEAR.

Prerequisite: *Courses 1, 2, and 3, or their equivalent.*

4. **Toxicology.**
Lectures: Thurs., Fri., Sat., 10:00.
PROFESSOR HAINES.
Recitations: Tues., 10:00.
ASSISTANT PROF. PATTON,
DRS. WEBSTER, ROBERG, AND WOODS.
Autumn Quarter, 1900. .8Mj.

5. **Medical Chemistry.**—Urinalysis, etc.
Lectures: Thurs., Fri. Sat., 10:00.
PROFESSOR HAINES.
Recitations: Tues., 10:00.
ASSISTANT PROF. PATTON,
DRS. WEBSTER, HACKING, AND WOODS.
Spring Quarter, 1901. .8Mj.

6. **Toxicology and Medical Chemistry.**—A laboratory course.
Mon., Fri., 1:00–5:00.
PROFESSOR HAINES, ASSISTANT PROF. SALISBURY,
DRS. HACKING, ROBERG AND WOODS.
First Term, Autumn Quarter, 1900.
First Term, Winter Quarter, 1901.
First Term, Spring Quarter, 1901. DM.

7. **Sanitary Chemistry.** — A lecture and conference course. This may be substituted for Courses 4 or 5 and is elective for Juniors.
Lectures and Conferences: Tues., Thurs., Fri., Sat., 10:00.
ASISTANT PROF. PATTON AND DR. WOODS.
Summer Quarter, 1900. .8Mj.

IV. DEPARTMENT OF MATERIA MEDICA AND PHARMACOLOGY

OFFICERS OF INSTRUCTION

1900—1901

ASSISTANT PROFESSOR JACOB ALLEN PATTON
ASSOCIATES CHARLES A. WADE, FRED D. HOLLENBECK
ASSISTANT WILLAM B. SPRAGUE
FELLOW CHARLES JOSEPH ROWAN (until October 1900)
CHARLES E. SHULTZ

INTRODUCTORY

Students entering the Sophomore class, who have received as many hours of didactic instruction in materia medica in a high grade college of pharmacy, dentistry, or veterinary surgery, or in a preparatory medical course as is required in this institution, may be exempted from the didactic course in materia medica upon presenting a satisfactory credential of the previous work done and passing an examination, in which special attention will be given to the physiological action of drugs.

Students entering the Sophomore or higher classes, who have had previous work equivalent to that of the materia medica laboratory course, will be given credit for it upon presenting a satisfactory credential.

COURSES OF INSTRUCTION

Sophomore Year.

1. **Materia Medica.**—A lecture and recitation course, comprising the study of alkalies, alkaline earths, metallic astringents, iron, mercury, arsenic, phosphorus, halogens, sulphur, mineral and vegetable acids, alcohols, chloroform, ether, nitrites, chloral, acetanilide group, carbolic acid and derivatives, creosote and analogues, opium, belladonna group, caffeine group, nux vomica, gelsemium, pilocarpine, and conium.

   Lectures: Wed., 10:00; Sat., 11:00.
   Assistant Prof. Patton.
   Recitation: Tues., Thurs., 11:00.
   Drs. Wade, Hollenbeck, Sprague, Shultz.
   Autumn Quarter, 1900. .8Mj.

2. **Materia Medica.**—A lecture and recitation course, comprising the study of coca and cocaïne, digitalis group, aconite group, cactus group, ipecac group, antiperiodics, vegetable purgatives, volatile oils, vegetable bitters, vegetable astringents, demulcents, parasiticides, diuretics, drugs acting on the uterus, colchicum, stearoptens, flavoring and coloring agents, vegetable drugs of mechanical action, organic animal preparations.

   Lectures: Wed., 10:00: Sat., 11:00.
   Assistant Prof. Patton.
   Recitation: Tues., Thurs., 11:00.
   Drs. Wade, Hollenbeck, Sprague, Shultz.
   Winter Quarter, 1901. .8Mj.

3. **Materia Medica. Laboratory.**—This is given to the class in small sections in the Materia Medica Laboratory on the fourth floor of the Laboratory Building. This work consists in the examination of all the important drugs, the making of simple pharmaceutical preparations, in the compounding of prescriptions, and in pharmacodynamics. The laboratory is supplied with an abundance of apparatus for making tinctures, fluid extracts, infusions, syrups, etc. There are 120 separate lockers fitted with all necessary apparatus for the work assigned the students, and desk room for 60 students to work at once. The class is made familiar with the physical properties and the physiological and toxicological effects of crude drugs and their finished preparations. Special attention is given to chemical, physical, and pharmaceutical properties; practice in making the ordinary official preparations; and in the compounding of prescriptions. The text-book used is *Laboratory Work in Materia Medica and Therapeutics.*

   This course occupies ten hours weekly for one term.
   First Term, Summer Quarter, 1900.
   Second Term, Autumn Quarter, 1900.
   Each Term, Winter Quarter, 1901.
   First Term, Spring Quarter, 1901.
   Mon., Fri., 8:00–10:00. M.
   Assistant Prof. Patton, Drs. Wade, Hollenbeck, Sprague, Rowan, Shultz.

4. **Pharmacology.**—A lecture and recitation course dealing with the normal and toxic effects of the important vegetable and chemical drugs upon the system. Illustrated by experiments, charts, etc., as much as is possible.

   This course can be substituted for Courses 1 or 2, or can be taken for advanced standing, and is elective for Juniors.

   Lectures: Wed., 10:00; Sat., 11:00.
   Assistant Prof. Patton.
   Recitation: Tues., Thurs., 11:00.
   Summer Quarter, 1900. .8Mj.
   Drs. Sprague and Shultz.

Junior and Senior Years.

5. **Principles of Prescribing.**—A lecture and conference course, occupying two hours weekly for one term, on the principles of prescription writing, during which the following topics are considered, viz.: general form and subdivisions of a complete prescription, apothecary and metric systems of weights and measures, prescribing solids and liquids of all kinds.

   The preparations of the following are used for the purpose of illustration: acetanilide group, aconite group, arsenic, belladonna group, cathartics, cinchona, coca, digitalis group, diuretics, ergot, iodine,

iron, mercury, nux vomica, opium, salicylic acid, etc. Classes are limited to twenty four.

Each Term throughout the year.

Tues., Thurs., 10:00. .4M.

ASSISTANT PROF. PATTON, DRS. WADE, HOLLENBECK.

Prerequisite: *Courses 1, 2, and 3.*

6. **Pharmacodynamics.**—A laboratory and conference course on the physiological action of drugs, given in the Materia Medica Laboratory, to small sections of the class, during which the students will perform the experiments under the personal charge of an instructor. The course occupies four laboratory and one conference hour weekly for one term.

Second Term, Summer Quarter, 1900.
First Term, Autumn Quarter, 1900.
Second Term, Spring Quarter, 1901.

Laboratory: Mon., Wed., 10:00–12:00.
Conference: Fri., 10:00–11:00. .6M.

ASSISTANT PROF. PATTON, DRS. SPRAGUE, ROWAN, SHULTZ.

Prerequisite: *Courses 1, 2, and 3.*

7. **Pharmacology.**—A lecture course on the physiological and toxic effects of some of the important drugs on the human system.

Spring Quarter, 1901.

Tues., Thurs., 8:00. .4Mj.

ASSISTANT PROF. PATTON, DR. SPRAGUE.

V. DEPARTMENT OF THERAPEUTICS AND PREVENTIVE MEDICINE

OFFICERS OF INSTRUCTION

INGALS PROFESSOR HENRY BAIRD FAVILL
INSTRUCTORS JAMES C. GILL, GEORGE W. HALL, GEORGE F. ZAUN
ASSISTANT WILLIAM B. SPRAGUE.

INTRODUCTORY

The department will undertake to give to the Juniors a full course in the subjects of general therapeutics, together with a discussion of all therapeutic resources and a laboratory training in manipulative methods.

The instruction, so far as is possible, will be coördinated with the instruction in special therapeutics as taught in the departments of practice, to the end that repetition and conflict as far as possible may be eliminated.

The lectures and conferences will be given in conjunction, for the purposes of clarifying as the work progresses.

It is desired to emphasize the physiologic and hygienic aspects of the subject, for which reason no independent course in hygiene will be given.

In immediate sequence with the Junior work, a course on Preventive Medicine will be given the Seniors in the Autumn Quarter.

In this course will be discussed the origin and extension of diseases and morbid processes in relation to avoidance.

COURSES OF INSTRUCTION

JUNIOR YEAR.

Course 1. Therapeutics.—A lecture and conference course.

Thurs., Fri., Sat., 8:00.

Winter Quarter, 1901. .6Mj.

PROFESSOR FAVILL, DRS. GILL, HALL, ZAUN.

Course 2. Therapeutics.—A lecture and conference course in continuation of Course 1.

Thurs., Fri., Sat., 8:00.

Spring Quarter, 1901. .6Mj.

PROFESSOR FAVILL, DRS. GILL, HALL, ZAUN.

Course 3. Practical Therapeutics.—A laboratory and practical course in Massage, Hydrotherapy, Aerotheraphy, and special manipulations, given to the class in sections.

Tues., Wed., Thurs., Fri., 4:00–6:00.

Autumn Quarter, 1900.
Winter and Spring Quarters, 1901. .4M.

Each section will be given about twenty-four hours.

Course 4. Prescription Writing.—A didactic and conference course in the art of prescription writing. Given to the class in small sections. Hours to be announced.

Autumn Quarter, 1900. Spring Quarter, 1901. Each section twelve hours. .4M.

SENIOR YEAR.

Course 5. Preventive Medicine.—A lecture and conference course.

Tues., Thurs., Sat., 8:00.

Autumn Quarter, 1900. .6Mj.

PROFESSOR FAVILL.

VI. DEPARTMENT OF PATHOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR LUDVIG HEKTOEN
ASSISTANT PROFESSORS GEORGE H. WEAVER, E. R. LECOUNT
ASSISTANTS: ERNEST F. KNAPP, ISIDORE B. DIAMOND, H. GIDEON WELLS
FELLOWS: H. GIDEON WELLS, THEODORE TIEKEN

INTRODUCTORY

The Pathological Laboratory possesses seventy-six Leitz and Zeiss microscopes, each with three or two objectives and substage apparatus, about sixteen microtomes, and all other necessary equipment for pathologic and bacteriologic work; abundant and properly lighted desk-room with lockers are also provided. The laboratory has a good museum for teaching purposes, supplemented with a fairly ample special library containing complete files of the important serials. There are sufficient material and apparatus for advanced work and special research. Adjacent hospitals furnish abundant material.

COURSES OF INSTRUCTION

FRESHMAN YEAR.

1. **General Bacteriology.**—The student is made practically familiar with the essentials of bacteriological technique and engages in a systematic study of a number of saprophytic and of the more important pathogenic bacteria.

   Repeated each Term, each Quarter; 10:00–12:00 daily except Tuesday. M.
   ASSISTANT PROFESSOR WEAVER AND DR. WELLS.

SOPHOMORE YEAR.

2. **General Pathology and Pathological Anatomy.**—A practical laboratory course is given in general pathologic histology, supplemented by experiments, by demonstrations of lantern slides, and of fresh and museum specimens, by recitations in general pathology, and by special lectures. Practical instruction is given in the methods of making *post-mortem* examinations, and of properly recording the results.

   Each Quarter daily except Sat., 1:00–5:00
   Summer Quarter, 1900.
   ASSISTANT PROFS. WEAVER AND LECOUNT.
   Autumn Quarter, 1900.
   PROFESSOR HEKTOEN,
   DRS. DIAMOND, WELLS.
   Winter Quarter, 1901.
   ASSISTANT PROFESSOR WEAVER,
   DRS. DIAMOND, TIEKEN.
   Spring Quarter, 1900.
   ASSISTANT PROFESSOR LECOUNT,
   DRS. DIAMOND, TIEKEN.

   Prerequisite: *Histology and Bacteriology.* DMj.

JUNIOR AND SENIOR YEARS.

3. **Pathological Anatomy.**—A lecture and demonstration course.

   Winter Quarter, 1901. M.
   PROFESSOR HEKTOEN.

4. **The Histology and Microscopic Diagnosis of Tumors.**

   Second Term, Summer and Winter Quarters, 1900–1901; daily, except Saturday, 3:00–5:00. DM.
   ASSISTANT PROFESSOR LECOUNT.

5. **The Common Infectious Diseases.**—The Bacteriology, Pathological Anatomy, and Histology, as well as the important literature of some of the more frequent infectious diseases.

   Second Term, Autumn Quarter, 1900, and Spring Quarter, 1901. Daily, except Saturday, 3:00–5:00. DM.
   ASSISTANT PROFESSOR WEAVER.

6. **Advanced Laboratory Work and Research in Pathology.**—Open to a limited number of specially qualified students and graduates in medicine.

   Hours to be arranged for each student.
   Each Quarter, 1900–1901. DMj. or DM.
   PROFESSOR HEKTOEN.

7. **Microscopic Technic.**—A course in Histological (Normal and Pathological) Technic, which will include the methods of hardening and fixation of tissues, the infiltration and sectioning, the ordinary staining methods, the special selective stains and the staining of bacteria in tissues.

   Autumn Quarter, 1900.
   Mon., Wed., Fri., 3:00–5:00. M.
   ASSISTANT PROF. LECOUNT.

   Prerequisite: *Normal Histology.*

8. **Practical Bacteriology.**—A course in Practical Bacteriology, including the methods of animal inoculation, the bacteriologic study of dead animals and tissues by culture and staining methods, the bacteriologic examination of water, etc. It is the purpose of this course to furnish additional work in systematic bacteriology to those who have completed Courses 1 and 2.

Daily, 10:00–12:00.
First Term of Summer and of Autumn Quarter, 1900, and of Winter Quarter, 1901. M.
ASSISTANT PROF. WEAVER.

9. **Clinical Pathology.**—A course designed for graduates in medicine and for senior students for purposes of review. It will include the microscopic examination of tumors, uterine scrapings, tuberculosis, actinomycosis, trichinosis, blastomycosis, etc.; the examination of blood, urine and pus; the preparation of nutrient media, and the systematic study of a few nonpathogenic and of the more important pathogenic bacteria, with the methods for the detection of the tubercle bacillus, diphtheria bacillus, gonococcus, etc.
First and Second Term, Spring Quarter, 1901; Daily, 8:00–12:00. DM.
ASSISTANT PROFS. WEAVER AND LECOUNT.

VII. DEPARTMENT OF MEDICINE.

OFFICERS OF INSTRUCTION.

PROFESSORS FRANK BILLINGS, HENRY M. LYMAN, DANIEL R. BROWER, JOHN M. DODSON
ASSOCIATE PROFESSORS ALFRED C. COTTON, JAMES B. HERRICK
ASSISTANT PROFESSORS JOHN A. ROBISON, HAROLD N. MOYER, BERTRAM W. SIPPY
INSTRUCTORS S. R. SLAYMAKER, JOSEPH A. CAPPS, WILLIAM J. BUTLER, F. S. CHURCHILL
ASSOCIATES CHARLES A. WADE, J. W. VANDERSLICE, THOMAS R. CROWDER, JAMES A. HARVEY
CLINICAL ASSISTANTS IN THE DISPENSARY, DRS. SALISBURY, HARVEY, MELOY, STEFFENSON, McCURDY, MERRILL
FELLOW ALEXANDER F. STEVENSON

COURSES OF INSTRUCTION.

JUNIOR YEAR.

Course 1.—The Anatomy, Physiology, and Hygiene of Infancy. A recitation and conference course.
Mon., Wed., Fri., 9:00.
First Term, Summer Quarter, 1900. .6M.
DR. BUTLER.

Course 2.—The Diseases of the Alimentary Tract. A recitation and conference course.
Mon., Wed., Fri., 9:00.
Second Term, Summer Quarter, 1900. .6M.
DR. HARVEY.

Course 3.—Diseases of the Alimentary Tract. A recitation and conference course.
Mon., Wed., Fri., 9:00.
Autumn Quarter, 1900. .6Mj.
DRS. SLAYMAKER, CAPPS, HARVEY.

Course 4.—Diseases of the Kidney, the Blood, and Vascular System; and Infectious Diseases. A recitation and conference course.
Mon., Wed., Fri., 9:00.
Winter Quarter, 1901. .6Mj.
DRS. SLAYMAKER, CAPPS, HARVEY.

Course 5.—Diseases of the Nervous System and General Diseases. Recitation and conference course.
Mon., Wed., Fri., 9:00.
Spring Quarter, 1901. .6Mj.
DRS. CAPPS, SLAYMAKER, HARVEY.

Any recent standard text-book on the Practice of Medicine may be used for Courses 2, 3, 4, and 5.

Course 6.—A Clinical Course in the Central Free Dispensary.
Daily, 10:00–12:00.
In sections, one month for each section.
Autumn Quarter, 1900.
Winter and Spring Quarters, 1901. 1.2M.

SENIOR YEAR.

Course 7.—The Disorders of Nutrition in Infancy and Childhood. A lecture and clinical course.
Mon., Wed., 9:00. First Term only.
Fri., 10:00–12:00 throughout the Quarter.
Summer Quarter, 1900. .8M.
ASSOCIATE PROFESSOR COTTON.

Course 8.—Diseases of the Alimentary Tract. A lecture and clinical course.
Wed., Fri., 9:00 (Second Term only).
Mon., Thurs., 10:00–12:00 throughout the Quarter.
Summer Quarter, 1900. 1.2M.
ASSISTANT PROF. SIPPY.

Course 9.—Diseases of the Liver. A lecture and clinical course.
Wed., Sat., 9:00.
Mon., Thurs., 10:00–12:00.
First Term, Autumn Quarter, 1900. .8M.
ASSOCIATE PROF. HERRICK.

Course 10.—Diseases of the Spinal Cord. A lecture and clinical course.
Wed., Sat., 9:00.
Mon., Thurs., 10:00–12:00.
Second Term, Autumn Quarter, 1900. .8M.
ASSISTANT PROF. MOYER.

Course 11.—Gout and Allied Disorders. A lecture and clinical course.
Mon., 9:00.
Autumn Quarter, 1900. .2Mj
PROF. LYMAN.

Course 12.—The Eruptive Diseases of Infancy and Childhood. A lecture and clinical course.
Tues., Thurs.; 9:00 (Second Term only).
Fri., 10:00–12:00 (throughout the Quarter).
Autumn Quarter, 1900. .8M.
PROFESSOR DODSON.

Course 13.—Diseases of the Intestinal Tract. A lecture and clinical course.
Wed.; Sat., 9:00.
Mon., Thurs., 10:00–12:00.
First Term, Winter Quarter, 1901. .8M.
PROFESSOR BILLINGS.

Course 14.—Diseases of the Brain—A lecture and clinical course.
Wed., Sat., 9:00, Mon., 10:00–12:00.
Second Term, Winter Quarter, 1901. .6M.
PROFESSOR BROWER.

Course 15.—Diseases of the Stomach. A lecture and clinical course.
Mon., 9:00, Thurs., 10:00–12:00.
Second Term, Winter Quarter, 1901. .4M.
ASSISTANT PROF. ROBISON.

Course 16.—Diseases of the Respiratory Tract. Infancy and Childhood. A lecture and clinical course.
Tues., Thurs., 9:00 (First Term only), Fri., 10:00–12:00 (throughout the Quarter), Winter Quarter, 1901. .8M.
ASSOCIATE PROF. COTTON.

Course 17.—Diseases of the Kidney and Vascular System. A lecture and clinical course.
Wed., Sat., 9:00, Mon., Thurs., 10:00–12:00.
First Term, Spring Quarter, 1901. .8M.
ASSISTANT PROF. SIPPY.

Course 18.—Mental and Nervous Diseases. A lecture and clinical course.
Wed., Sat., 9:00.
Second Term, Spring Quarter, 1901. .4M.
PROFESSOR BROWER.

Course 19.—The Nervous Diseases of Infancy and Childhood. A clinical and lecture course.
Tues., Thurs., 9:00 (First Term only), Fri., 10:00–12:00 (throughout the Term).
Spring Quarter, 1901. .8M.
PROFESSOR DODSON.

Course 20.—Diseases of Muscles and Peripheral Nerves. A lecture and clinical course.
Mon., 9:00, Thurs., 10:00–12:00.
Second Term, Spring Quarter, 1901. .4M.
ASSISTANT PROF. MOYER.

Course 21.—General Medicine. A clinical course at Cook County Hospital.
Tues., Sat., 10:00–12:00 throughout the year. .4Mj.
PROFESSOR BILLINGS, ASSOCIATE PROF. HERRICK, ASSISTANT PROF. SIPPY.

Course 22.—Mental and Nervous Diseases. A clinical course at Cook County Hospital.
Fri., 4:00–6:00 throughout the year.
Each Quarter. .2Mj.
PROFESSOR BROWER.

Course 23.—Cook County Hospital Ward Clinics, in Sections. (*Elective.*) Students in sections of from six to eight are taken into the medical wards of the hospital, and are required to examine cases and to discuss them before the class.
Hours to be announced later. .4M.
PROFESSOR DODSON, ASSISTANT PROF. SIPPY.

Course 24.—Haematology. A laboratory and clinical course in the study of the blood and its pathological and clinical significance.
Tues., Wed., Fri., Sat., 10:00–12:00.
Summer and Autumn Quarters, 1900.
Winter and Spring Quarters, 1901. .4M.
DRS. CAPPS AND CROWDER.

Course 25.—Seminar in Classics of Medical Literature, Spring Quarter.
ASSOCIATE PROF. HERRICK.

In this course classic contributions to medical literature will be studied by means of reading, essay-writing, conference and discussion. The number of students taking this course will be limited to twelve.

For 1901 the subjects taken up will be:
1. Laennec on Diseases of the Chest, selected chapters.
2. Addison on Diseases of the Suprarenal Capsule.
3. Report of the London Clinical Society on Myxoedema.
4. Koch on the Bacillus of Tuberculosis.
5. Selections from Trousseau's Clinical Medicine.
6. Gerhard on Typhoid Fever.

Copies of these works in English will be found in the Rush Library.

Spring Quarter. Hours to be announced. .4M.
ASSOCIATE PROF. HERRICK.

Course 26.—Medical Tuberculosis. A lecture and clinical course.
Tues., Thurs., 9:00.
First Term, Autumn Quarter, 1900. .4M.
EMERITUS PROF. BRIDGE.

Clinical courses will be offered in some of the outlying hospitals, by members of the several attending staffs, for which credit will be allowed. Detailed statement of these courses will be announced later.

VIII. DEPARTMENT OF SURGERY

OFFICERS OF INSTRUCTION

PROFESSOR NICHOLAS SENN
PROFESSOR CHRISTIAN FENGER
ASSOCIATE PROFESSOR ARTHUR DEAN BEVAN
ASSOCIATE PROFESSOR WM. T. BELFIELD
ASSOCIATE PROFESSOR IN DENTAL SURGERY TRUMAN W. BROPHY
ASSOCIATE CLINICAL PROFESSOR D. W. GRAHAM
ASSISTANT PROFESSORS ALBERT I. BOUFFLEUR, FREDERIC S. COOLIDGE
INSTRUCTOR EMANUEL JOHN SENN
ASSOCIATES F. W. JAY, ERNEST J. MELLISH, ALBERT B. KEYES
ASSISTANTS DRS. DOEPFNER, DONLON, FRIEND, STRAND

COURSES OF INSTRUCTION

JUNIOR YEAR.

1. **Principles and Practice of Surgery.**—Recitation and conference course.
Mon., Wed., Frid., 8:00.
Autumn Quarter, 1900. .6Mj.
DRS. E. J. SENN, KEYES, JAY, MELLISH, DOEPFNER, FRIEND, DONLON.

2. **Recitation and Conference Course.**
Mon., Tues., Wed., 8:00, Thurs., 9:00.
Winter Quarter, 1901. .8Mj.
DRS. E. J. SENN, KEYES, JAY, MELLISH, DOEPFNER, FRIEND, DONLON.

3. **Practice of Surgery.**—Recitation and conference course.
Mon., Wed., 8:00, Friday, 9:00.
Spring Quarter, 1901. .6Mj.
DRS. E. J. SENN, KEYES, JAY, MELLISH, DOEPFNER, FRIEND, DONLON.

4. **Demonstration Course in Bandaging.**—A practical course in bandaging.
Mon., Tues., Wed., 3:00–5:00.
Six weeks for each section; throughout each Quarter. .4M.
DRS. E. J. SENN, KEYES, JAY, MELLISH, DOEPFNER, FRIEND, DONLON.

5. **Clinical Surgery, Central Free Dispensary.**
Mon., Tues., Wed., Thurs., Fri., 1:00–3:00.
Throughout the year; one month for each section. M.
ASSISTANT PROF. COOLIDGE, DRS. COLBY AND DOANE.

SENIOR YEAR.

6. **Lectures on Surgery.**—By ASSOCIATE PROF. BEVAN.
Mon., Fri., 4:00; Autumn Quarter, 1900. .4Mj.

7. **Lectures on Surgery.**—By ASSOCIATE PROF. BELFIELD.
Mon., Fri., 4:00; Winter Quarter, 1900. .4Mj.

8. **Lectures on Surgery.**—By ASSOCIATE PROFS. BEVAN OR BELFIELD.
Mon., Fri., 4:00; Spring Quarter, 1900. .4Mj.

9. **A Lecture Course on Surgical Diagnosis and Minor Surgery.**—By ASSOCIATE PROF. BELFIELD AND DR. E. J. SENN.
Mon., Wed., 4:00; Summer Quarter, 1900. .4Mj.

10. **A Practical Course in Operative Surgery** on the cadaver and in surgical appliances, given to the class in sections. .6M.
Tues., Thurs., Fri., 4:00–6:00.
Repeated each Term of the Autumn and Winter Quarters and the First Term of the Spring Quarter.
Operative Surgery, ASSISTANT PROF. BOUFFLEUR.
Surgical Appliances and Bandaging, ASSISTANT PROF. COOLIDGE.

11. **College Clinics.**—By PROFESSOR SENN.
Tues., Thurs., 2:00–4:00; .8Mj
By PROFESSOR FENGER: Wed., 4:00–6:00; Sat., 2:00–4:00. Throughout the year.

12. **Presbyterian Hospital Clinic.**—By ASSOCIATE PROF. BEVAN.
Mon., Wed., Fri., 10:00–12:00 A. M. Throughout the year. .4M.

Tues., Thurs., Sat., 10:00–12:00 A. M.
ASSOCIATE CLINICAL PROF. GRAHAM.
Classes limited in number.

13. **Clinic at Cook County Hospital.**
Thurs., 8:00–10:00 P. M. Throughout the year.
Each Quarter. .2Mj.
ASSISTANT PROF. BOUFFLEUR.

14. **Ward Clinics in the County Hospital.**
Tues., Fri., 9:00. Throughout the year.
Given to the class in sections of from six to eight students. Each section will be given about twelve hours work. .2M.
DRS. MOOREHEAD AND DONLON.

15. **Dental Surgery.**—A lecture by ASSOCIATE PROF. BROPHY.
Mon., Wed., Thurs., 8:00.
First Term, Winter Quarter, 1900. .6M.

IX. DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR J. CLARENCE WEBSTER
ASSISTANT PROFESSOR HENRY B. STEHMAN
ASSISTANT CLINICAL PROFESSORS EFFA V. DAVIS, CHAS. E. PADDOCK
INSTRUCTOR, FRANK A. STAHL
ASSOCIATES: EDWARD BUEL HUTCHINSON, FREDERICK A. JEFFERSON, RUDOLPH W. HOLMES, HENRY F. LEWIS
ASSISTANT, PALMER FINDLAY
ASSISTANTS IN DISPENSARY: EFFA V. DAVIS, JULIA D. MERRILL, ELIZABETH HAY, PALMER FINDLAY, THOMAS WARLOE

INTRODUCTORY

Obstetrics is taught by a lecture and recitation course in the Junior Year, a practical course in obstetrical manipulation upon the manikin, and by clinical conferences in which the class, in small sections, examine the patients in the Central Free Dispensary, the Charity Hospital, and in the maternity wards of the Presbyterian Hospital. During the Senior Year students are assigned to cases of labor at the homes of the patients, and allowed to conduct the same under the direction of the assistant who accompanies them.

Gynecology is taught by lectures (didactic and clinical), recitations and practical "touch" courses, given to the class in small sections in the Central Free Dispensary and Presbyterian Hospital.

COURSES OF INSTRUCTION

OBSTETRICS

JUNIOR YEAR.

Course 1.—A lecture course on the Anatomy and Physiology of the female organs of generation, on Pregnancy and Normal Labor.
Tues., Thurs., Sat., 9:00.
Autumn Quarter, 1900. .6Mj.
PROFESSOR WEBSTER.

Course 2.—A lecture course on the Pathology of Pregnancy. Abnormal Labor, and Obstetrical Operations.
Tues., Sat., 9:00; Winter Quarter, 1901. .4Mj.
PROFESSOR WEBSTER.

Course 3.—A recitation and conference course in Obstetrics by DRS. HUTCHINSON, JEFFERSON, AND LEWIS.
The text-book used will be the Text-book of Obstetrics by American Authors, or any other recent standard work.
Fri., Sat., 8:00; Spring Quarter, 1901. .4Mj.

Course 4.—A course in practical Obstetrics given to the class in sections.
Mon., Wed., Fri., 1:00–3:00 and 4:00–6:00.
Each course extends throughout one term. .6M.
DRS. STAHL, HOLMES, LEWIS.
Winter and Spring Quarters, 1901.

SENIOR YEAR.

Course 5.—Clinical Obstetrics in the Maternity department of the Presbyterian Hospital, Charity Hospital, and Central Free Dispensary, under the direction of PROFESSOR WEBSTER, ASSISTANT PROFESSORS DAVIS, PADDOCK, AND DRS. HAY AND MERRILL.
Throughout the year. .4M.

Course 6.—Obstetrical practice, attendance upon cases of confinement in various hospitals, and at the homes of the patients. Each student will be summoned to a case at the time of delivery, and will attend the patient during and after delivery, under supervision.
Throughout the year. .4M.

GYNECOLOGY

Course 7.—A lecture course in Gynecology.

PROFESSOR WEBSTER.

This course will not be offered during the session of 1900–1901.

Course 8.—Clinical Gynecology. A college clinic and conference by PROFESSOR WEBSTER.

Wed., 10:00–12:00 each Quarter. .4Mj.

Course 9.—Clinical conferences and demonstrations in the Presbyterian Hospital.

PROFESSOR WEBSTER and Assistants.

Given to the class in sections. Hours to be assigned; throughout the year. .4M.

Course 10.—Dispensary clinics. A clinical demonstration and "touch" course in the Dispensary, given in sections.

DRS. ——— ——— ———

Daily 1:00–3:00 each Quarter throughout the year. .4M.

Each section will work two hours daily for two weeks.

Course 11.—A Microscopical course illustrating the histology and pathology of the female generative organs.

DR. FINDLAY.

Hours to be subsequently assigned.

Autumn Quarter, 1900.

Winter and Spring Quarters, 1901. .4M

X. DEPARTMENT OF DISEASES OF THE CHEST, THROAT, AND NOSE

OFFICERS OF INSTRUCTION

PROFESSOR E. FLETCHER INGALS
ASSISTANT PROFESSOR JOHN EDWIN RHODES
INSTRUCTORS ARTHUR M. CORWIN, CHARLES J. WHALEN, GEORGE W. HALL, OTTO T. FREER
ASSOCIATES J. F. DOLAMORE, GEORGE A. TORRISON, JOHN C. WILLIAMS
ASSISTANTS GLENN M. HAMMON, J. E. RAYCROFT
CLINICAL ASSISTANT H. L. LEWIS

INTRODUCTORY

The work of this department is given to members of the Junior and Senior classes, and includes lecture and recitation courses upon the diseases of the chest, throat, and nose; and clinical courses in the Amphitheater and in the Dispensary. A large part of the bedside instruction given in the Cook County and Presbyterian hospitals is devoted to diseases of the chest, and it is expected that facilities for this work will be much increased the coming year. The abundant material available enables the students to observe repeatedly, and examine individually, cases illustrating well-nigh every phase of disease affecting the chest and air-passages, and to see performed the principal laryngological operations. Recitation courses enforce thorough drill in the principles and practice involved. Besides these there are practical courses in physical diagnosis and in laryngology, and a special course in intubation, in which by personal experience the students become familiar with physical signs and with the methods of examination and the use of instruments.

COURSES OF INSTRUCTION

JUNIOR YEAR.

1. **Diseases of the Chest.**—A lecture and recitation course, by ASSISTANT PROF. RHODES, DRS. HALL, DOLAMORE, TORRISON, HAMMON, RAYCROFT, WILLIAMS.

Tues., Thurs., Sat., 8:00.

Autumn Quarter, 1900.

ASSISTANT PROF. RHODES, DRS. HALL, DOLAMORE, TORRISON, HAMMON.

Spring Quarter, 1901; Tues., Thurs., Sat., 8:00. .6Mj.

DRS. RAYCROFT, AND WILLIAMS.

2. **Clinical Courses in Central Free Dispensary.**

Daily from 1:00–3:00 throughout the year. Each section will spend two weeks in this department. .4M.

DRS. CORWIN, FREER, DOLAMORE.

3. **Practical Courses in Physical Diagnosis.**

Daily from 2:00–4:00 throughout the year.

Summer and Spring Quarters.

DRS. DOLAMORE AND RAYCROFT.

Autumn and Winter Quarters.

DRS. CORWIN, WHALEN, DOLAMORE.

Also a preliminary course in Laryngology.

Summer, Autumn, Winter, and Spring Quarters, 1:00–3:00.

DRS. WHALEN AND HAMMON.

These courses occupy 24 hours and constitute .4M.

SENIOR YEAR.

4. **Diseases of the Chest, Throat, and Nose.**—A Didactic course.

Summer Quarter, 1900.
DRS. CORWIN AND FREER.
Winter Quarter, 1900; Tues., Thurs., Sat., 8:00. .6Mj.
PROFESSOR INGALS, ASSISTANT PROF. RHODES.

5. **College Clinic in Diseases of Chest, Throat, and Nose.**
Each quarter. Wed. 2:00–4:00. .2Mj.
Summer Quarter.
ASSISTANT PROF. RHODES AND DR. FREER.
Autumn and Winter Quarters.
PROFESSOR INGALS.
Spring Quarter,
ASSISTANT PROF. RHODES.

6. **Diseases of the Chest.**—A hospital course in diagnosis; details not yet arranged. .2M.

7. **Diseases of the Chest, Throat, and Nose.**—A recitation course.
DRS. HALL AND TORRISON.
Summer and Winter Quarters. Hours to be announced. .2Mj.
DRS. HALL AND TORRISON.

8. **Laryngoscopy.**—A practical course in the Dispensary. by DRS. TORRISON, FREER, DOLAMORE, WHALEN, HAMMON, RAYCROFT.
Summer Quarter,
DRS. TORRISON, HAMMON, HALL.
Autumn Quarter,
DRS. TORRISON, FREER AND DOLAMORE.
Winter Quarter,
DRS. TORRISON, FREER, RAYCROFT.
Spring Quarter,
DRS. TORRISON, FREER, HAMMON.
Daily, 1:00–3:00. Each section 2 weeks. .2M.

9. **Physical Diagnosis.**—A practical course, by DRS. WHALEN AND DOLAMORE.
Summer Quarter, DR. WHALEN.
Autumn Quarter, DR. DOLAMORE.
Winter Quarter, DR. DOLAMORE.
Spring Quarter, DR. WHALEN.
Daily, 2:00–4:00. Each section 2 weeks. .2M.

10. **Intubation.**—A practical course, by DRS. WHALEN AND TORRISON.
Autumn and Spring Quarters. Daily, 1:00–3:00. .2M.
DRS. WHALEN AND TORRISON.

XI. DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR FERDINAND C. HOTZ.
ASSISTANT PROFESSORS CASSIUS D. WESCOTT, WILLIAM H. WILDER.
INSTRUCTOR, E. T. DICKERMAN.
ASSOCIATE, ELMER A. LAWBAUGH.
CLINICAL ASSOCIATE, ROBERT A. MACARTHUR.
ASSISTANTS, STUART WEBSTER, CASSIUS C. ROGERS, L. E. SCHWARZ, GEORGE E. SHAMBAUGH.
CLINICAL ASSISTANT, E. V. L. BROWN.

COURSES OF INSTRUCTION

SENIOR YEAR.

1. **A Recitation Course.**—In Diseases of the Eye and Ear, by ASSISTANT PROFESSOR WILDER AND DR. DICKERMAN. Hours to be announced. Winter Quarter, 1901. In this course the student will acquire a theoretical knowledge of the nature and treatment of the diseases of the eye and ear. These recitations will be made comprehensive by the aid of illustrations of the various diseases and the exhibition of pathological specimens. The text-books used are *Swanzy* on the Eye and *Barr* on the Ear. .6Mj.

2. **Clinical Lecture Course.**—By PROFESSOR HOTZ AND ASSISTANT PROFESSOR WESCOTT, every Friday from 2:00 to 4:00, throughout the year. Selected cases, showing the various stages of principal diseases of the Eye and Ear, will be exhibited, their diagnostic symptoms thoroughly demonstrated, and their treatment carefully discussed. There will also be an opportunity of witnessing all the operations upon the Eye and Ear. Each Quarter's work constitutes .2Mj.

3. **Course in Ophthalmoscopy.**—By DRS. LAWBAUGH, MACARTHUR, SCHWARZ, WEBSTER, Mon., Fri., 3:00–5:00. Each course to occupy five weeks. Throughout the year. The student is taught the use of the ophthalmoscope for the examination of the interior of the eyeball and for retinoscopy. He is furnished artificial eyes to practice on and then

allowed under the personal supervision of the instructor to examine normal and pathological eye grounds of patients. Each student must provide himself with an ophthalmoscope. These courses are given to sections, the number in each section being limited to twenty-five students. .4M.

4. **Clinical Course on Diseases of the Eye.**—In the Central Free Dispensary, by DRS. MACARTHUR, LAWBAUGH, SCHWARZ; every day from 1:00 to 3:00 throughout the year, to sections of ten students. Each section to attend two weeks. .2M.

5. **Clinical Course on Diseases of the Ear.**—In the Central Free Dispensary, by DRS. DICKERMAN, ROGERS, SHAMBAUGH, daily from 1:00 to 3:00 throughout the year, to sections of ten students. The attendance upon these Dispensary Clinics is particularly valuable because it affords the student the opportunity of personally examining the patients and watching the progress of the cases from day to day. .2M.

6. **Clinical Course in Ophthalmic Surgery.**—At the Eye and Ear Infirmary, by DR. WILDER, every Saturday at 2:00. .2Mj.

XII. DEPARTMENT OF SKIN, GENITO-URINARY, AND VENEREAL DISEASES

OFFICERS OF INSTRUCTION

PROFESSOR JAMES NEVINS HYDE.
ASSOCIATE PROFESSOR FRANK HUGH MONTGOMERY.
ASSOCIATE ALFRED SCHALEK.
FELLOW HOWARD T. RICKETTS.
DISPENSARY ASSISTANTS, P. MCPHERSON, WILLIAM A. QUINN, HOWARD T. RICKETTS.

INTRODUCTORY

The work of this Department is elective and offered to members of the senior class. Instruction is given by clinical teaching both in the amphitheater and in the Dispensary: by recitations; and by demonstrations to small classes of clinical, bacteriological, and pathological phenomena.

Instruction in this Department is supplemented by ample use of the large collection of dermatological plates, atlases, and photographs arranged in cases in proximity to the upper amphitheater: also by use of the Baretta models lately procured for the use of this Department in Paris. The clinical work is also largely supplemented by that of the Fellow in Cutaneous Pathology, who is supplied in the Pathological Laboratory with special apparatus (microscopes, section-cutter, bacteriologic media, etc.), and who demonstrates to the class in many cases the essential character of lesions in sections of the skin. In the coming year, as in the last, during which the subject of blastomycosis was investigated in a series of rare cases, original work will be done in this field, the fruits of which will be presented to the classes.

COURSES OF INSTRUCTION

SENIOR YEAR

1. **Skin, Genito-Urinary, and Venereal Diseases.** By DRS. SCHALEK AND RICKETTS. A recitation and conference course given to the class in small sections. The text-books used are Hyde and Montgomery on the *Skin*, and Hyde and Montgomery on the *Venereal Diseases*.
   Tues., Thurs., Sat., 9:00.
   Summer and Autumn Quarters, 1900.
   Winter Quarter, 1901.
   One section each Quarter. .6Mj.

2. **Clinical Course.**—Arena Clinic, by PROFESSOR HYDE AND ASSOCIATE PROFESSOR MONTGOMERY. A clinical course on the subject of the Diseases of the Skin, of the Genito-Urinary Organs, and on Venereal Diseases. This clinic has been conducted in the College for more than twenty years, and is attended by a large number of out-patients of both sexes and all ages.
   Mon., Fri., 2:00–4:00. Throughout the year.
   This course occupies four hours weekly throughout the year. Each Quarter's work constitutes .4Mj.

3. **Demonstration Courses.**—BY ASSOCIATE PROFESSOR MONTGOMERY. A practical course of clinical, pathological, and bacteriological demonstrations in skin and venereal diseases, given to the class in sections of not more than ten.
   Mon., Fri., 2:00–4:00.

This course occupies four hours weekly during the Autumn and Winter Quarters. Each term's (six (weeks) work constitutes a .4M.

4. **Genito-Urinary Diseases.**—A clinical course in diseases of the genito-urinary tract.

Fri., 4:00–6:00. Autumn Quarter, 1900.
Winter and Spring Quarters, 1901.
Each Quarter. .2Mj.
ASSOCIATE PROFESSOR BELFIELD.

5. **Clinical Course in the Central Free Dispensary.** By DRS. RICKETTS, MCPHERSON, AND QUINN, A clinical course given to the class in small sections in the Dermatological and Genito-Urinary Department of the Central Free Dispensary. The student is here brought in personal contact with the patients and required to examine and prescribe for them as he would in private practice.

Daily, 1:00–3:00.

In sections: each section occupies twelve hours weekly for two weeks. .2M.

XIII. GENERAL LECTURES

Medical Jurisprudence—PROFESSORIAL LECTURER, JUDGE HENRY V. FREEMAN.

The History of Medicine—

A summary of the courses offered in each Quarter is furnished in the Schedule of Hours furnished to each student at the College office.

The statements of courses offered, as printed in this announcement, is final for the Summer and Autumn Quarters of 1900. A revised summary of the courses to be offered during the Winter and Spring Quarters of 1901 will appear in a circular of information to be issued about December 1, 1900.

FELLOWSHIPS, HOSPITAL INTERNES, AND PRIZES

FELLOWSHIPS

The following Fellowships, each of the value of four hundred dollars annually, one in chemistry, two in pathology, one in materia medica and therapeutics, one in medicine, one in surgery, and one in cutaneous pathology are awarded at each Commencement.

The Fellowship in chemistry is awarded to the member of the graduating class recognized as in every way best qualified for the position. He devotes the year succeeding his appointment to original investigation in medical chemistry under the direction of the professor of that chair in the laboratories of the College. He is required to devote some time of each day in the College year to the instruction of students, and has opportunity to attend the clinics and pursue other lines of collegiate study.

Two Fellowships in pathology are established with a similar end in view and under corresponding regulations. These Fellows engage in original research under the direction of the Professor of Pathology, and are required to take part in the work of instruction of students.

The Fellowship in materia medica and therapeutics is established on a similar basis, and the Fellow engages in original research in the Department of Materia Medica and Therapeutics, and is required to take part in the instruction of students.

The Fellowship in Cutaneous Pathology is awarded to any recent graduate in medicine having the requisite qualifications for pathological work, together with a desire to interest himself especially in this branch of scientific study. He devotes his time to original research under the direction of the professor of Dermatology and of Pathology, and is required to take some part in the instruction of the Senior and Junior classes.

A Fellowship in medicine and a Fellowship in surgery have been established with similar duties and on a like basis.

HOSPITAL INTERNES

Positions as internes in the Presbyterian, the Cook County Hospital, the Michael Reese Hospital, the St. Joseph's Hospital, the St. Elizabeth's Hospital, the St. Luke's, Hospital, the Augustana Hospital, the Chicago Hospital, the Alexian Brothers Hospital, the Passavant Hospital, the Chicago Policlinic, the German Hospital, the Norwegian Hospital, the Illinois Charitable Eye and Ear Infirmary, and in a much larger list of institutions outside of the city of Chicago which make appointments from the roll of qualified students of the Senior class in Rush Medical College, are open each spring to graduates through a competitive examination held by the respective hospital staffs.

The occupants of these positions receive their board and

lodging, and acquire experience in every department of practical medicine and surgery.

PRIZES

THE BENJAMIN RUSH PRIZE.

A medal of the value of fifty dollars is given by the Faculty at each Commencement to that member of the graduating class who passes the highest examination in every department of medicine represented that year in the examination for the degree.

THE DANIEL BRAINARD PRIZE.

A medal is annually given by the Faculty to the student who makes and presents to the College Museum the best accepted dissection in Surgical Anatomy.

THE FREER PRIZES.

These prizes are derived from the income of a fund presented to the College by Mr. Nathan M. Freer, of the Board of Trustees, as a memorial of the names of two honored members of his family long identified with the highest interests of this institution.

The J. W. Freer Medal is awarded as a first prize to that member of the Junior class who presents the best written essay on one of the themes annually announced for competition to that class. A second prize is awarded to the next successful competitor. The three subjects from which selections may be made, one of which only can be chosen by each competitor, are announced to the class early in the collegiate year, the essays being submitted to the Faculty on the first of the ensuing April.

The subjects for competition for the session of 1900–1 will be given by the Department of Obstetrics and Gynecology. Junior students desiring to compete for this prize should consult Professor Webster.

The L. C. P. Freer Medal is offered for the year 1900–1 as a first prize to that member of the Sophomore class who presents the best essay on any subject connected with anatomy. Students should consult the Professor of Anatomy in regard to selection of topic for this prize. A second prize is awarded to the next most successful of the competitors. The essays are required to be placed in the hands of the Faculty by April, 1901.

THE EDWARD L. HOLMES PRIZE.

In honor of the late Edward L. Holmes, for many years the professor of Diseases of the Eye and Ear in Rush Medical College, and for several years its president, and who during his long career rendered distinguished services to the institution, the trustees have established the EDWARD L. HOLMES prize for original research, to consist of a table and scholarship for one season, at the Marine Biological Laboratory, Wood's Holl, Mass.

This prize is offered in recognition of the great service which is rendered to the medical sciences by research work in biology. The prize will be offered each year to members of the Junior class, and will be awarded for the best piece of work in original research performed in any of the laboratories of Rush Medical College. The recipient of the prize will defray his personal expenses.

THE DELASKIE MILLER PRIZE.

This prize is annually given to the student who does the best work in obstetrics and gynecology.

ALUMNI ASSOCIATION

The Alumni Association of Rush Medical College holds yearly meetings. These meetings which precede the regular commencement of the College, will occur on January 19, 20, and 21, 1901. All graduates of the College in good standing are eligible to membership, which can be obtained by the payment of $1.50 annual dues. The dues should be sent to the secretary of the Association. The officers for the year ending July 1, 1900 are as follows:

Dr. E. T. Goble, '74, Earlville, Ill., President.
Dr. John E. Hench, '83, Hinsdale, Ill., 1st Vice President.
Dr. J. C. Reynolds, '70, Lake Geneva, Ill., 2d Vice President.
Dr. John Edwin Rhodes, '86, 34 Washington St., Chicago, Ill., Secretary and Treasurer.
Dr. J. E. Raycroft, '99, Chicago, Ill., Assistant Secretary.
Dr. E. S. Detweiler, '88, La Grange, Ill., Necrologist.
Dr. Charles J. Whalen, '92, Chicago, Ill., Editor of the Alumni Department of the *Corpuscle*.

Alumni are requested to inform the Registrar of any change of address.

They will also confer a favor by sending to the college historian a copy of any address, program, or other document relating to the early history of the College.

TEXT-BOOKS REQUIRED

The following text-books are required for recitation, laboratory, and practical work in the several years. These books can be purchased at the college library. Recitations are assigned, in so far as possible, by topics, and the student is expected to consult other text-books and the current medical literature in his preparation for these exercises. The college library is well supplied with books and current literature for this purpose.

Each student should possess a standard medical dictionary; Gould's is recommended.

Freshman Year.

Anatomy.—Any recent standard text-book, for example, Gray's Anatomy, the Text-book of Anatomy by American Authors, or Morris' Anatomy.

Physiology.—Stewart's Physiology.

Chemistry.—Simon's Chemistry.

Histology.—Peirsol's or Stohr's Histology.

Sophomore Year.

Anatomy.—Text-book of Anatomy by American Authors.

Physiology.—American Text-book of Physiology.

Chemistry.—Simon's Chemistry.

Materia Medica.—White & Wilcox, Brower's Laboratory Manual.

Pathology.— Any recent standard text-book.

Junior Year.

Medicine.—Any recent standard text-book.

Surgery.—American Text-book of Surgery, and Senn's Principles of Surgery.

Obstetrics.—Text-book of Obstetrics by American Authors.

Chest, Throat, and Nose.—Ingal's Diseases of the Chest, Throat, and Nose.

Therapeutics.—Any recent standard text-book on Therapeutics.

Senior Year.

Medicine.—Any recent standard text-book on the practice of medicine.

Surgery—The American Text-book of Surgery.

Chest, Throat, and Nose.—Same as in Junior year.

Gynecology.—Webster's Gynecology.

Ophthalmology.—Swanzy on the Eye.

Otology—Barr's Diseases of the Ear.

Diseases of the Skin.—Hyde and Montgomery.

Venereal Diseases.—Hyde and Montgomery.

Pædiatrics.—Any recent standard text-book on the Diseases of Children.

The following students have secured interneships, by examination and appointment, during the Spring Quarter. The duration of service of these interneships varies from one to two years:

Roberg, O. T.	Presbyterian Hospital
Thorsgaard, C. L	Presbyterian Hospital
Smith, J. F.	Presbyterian Hospital
Murray, F. G.	Presbyterian Hospital
Kleinman, E. W.	Presbyterian Hospital
Senn, W. N.	Presbyterian Hospital
Loomis, P. A.	Presbyterian Hospital
Loeb, Ludwig M.	Cook County Hospital
Friedman, J. C.	Cook County Hospital
Tyndale, W. R.	Cook County Hospital
Sheldon, W. H.	St. Luke's Hospital
Gollmar, A. H.	Alexian Brothers' Hospital
Timerman, H. E.	Alexian Brothers' Hospital
Bohan, P. T.	Alexian Brothers' Hospital
Holman, C. J.	Policlinic
Vernon, H. S.	Policlinic
Lynam, T. P.	St. Joseph's Hospital
Kovats, F. C.	St. Joseph's Hospital
Danielson, K. A.	Norwegian Tabitha Hospital
Conway, J. L.	St. Elizabeth's Hospital
Bland, N. W.	Chicago Hospital
McLaughlin, G. L.	St. Anthony's Hospital
Benson, E. O.	Augustana Hospital
La Force, F. E.	Illinois Eye and Ear Infirmary
Jones, H. G.	City Hospital, Stillwater, Minn.
Farr, R. E	St. Mary's Hospital, Minneapolis, Minn.
Flynn, J. P.	St. Mary's Hospital, Minneapolis, Minn.
Titus, J. H.	Lakeside Hospital
Iden, E. H.	Silver Cross Hospital, Joliet, Ill.
Tallman, C. C.	Red Cross Hospital
Bachellè, C. V.	German Hospital
Gattrell, T. J. N.	Illinois Steel Company's Hospital
Morris, T. B.	Illinois Steel Company's Hospital
Herbst, R. H.	St. Joseph's Hospital
Brockway, P. B.	Champion Hospital.
Rogers, G. W.	National Emergency Hospital
Wilcox, William S.	St. Mary's Hospital, Marshfield, Wis.
Duncan, H.	Norwegian Tabitha Hospital
Mulroney, Charles H.	Marine Hospital
Nellis, Howard W. H.	St. Mary's Hospital, Evansville, Ind.
McDonald, Charles	Baptist Hospital
Roehler, Henry D.	Lying-in Hospital
Watson, Halford A.	Lakeside Hospital

MATRICULATES FOR THE SESSION OF 1899–1900

The following list includes only those students who were in attendance during one or more Quarters, and who were entitled to take the Quarterly examinations.

FRESHMAN CLASS.

NAME	RESIDENCE	PRECEPTOR
Adams, Edward Milton	Chicago, Ill.	Calvin S. Case.
Ahrens, Edward G.	Davenport, Ia.	W. L. Allen
Altman, Maurice	Lincoln, Ill.	L. L. Leeds
Baker, Clark Dyer	Minden, Neb.	Faculty
Baldwin Floyd McKennan	Kendall, Wis.	Faculty
Barnes, Herbert Trumbull	Elkhorn, Wis.	Faculty
Beall Leon Frank	Chicago, Ill.	R. H. Struble
Behrentz, Olav Sjowick	Duluth, Minn.	Faculty
Berry, William Albert	Unionville, Mo.	A. C. Berry
Blatt, Maurice Lamm	Chicago, Ill.	Merriman
Bowes, Leon Maurice	Mauston, Wis.	J. B. Edwards
Bradley, Edwin Bruce	Charles City, Ia.	Faculty
Bridgeman, John C.	Darlington, Wis.	E. S. Hooper
Brown, Royal Oscar	Freeport, Ill.	D. C. L. Mease
Bruggeman, Henry Otto	Logansport, Ind.	Stevenson and Busjahn
Bryan, Alva Howard	Portage, Wis.	Faculty
Burrell, Paul Julien	Freeport. Ill.	Faculty
Burt, Russell Ross	Omaha, Neb.	Faculty
Calderwood, William Robert	Salt Lake City, Utah	J. T. Kingsbury
Campbell, Alpha John	Boulder, Colo.	James H. Baker
Chapin, Gardner Spring	Winside, Neb.	A. T. Chapin
Clancy, Eugene	Chicago, Ill.	Faculty St. Ignatius
Clapp, Fred Raymond	Albion, Ind.	Faculty
Clarke, G. Morgan	Chicago, Ill.	O. H. E. Clarke
Cleveland, Charles William	Chicago, Ill.	G. H. Cleveland
Cole, Thomas Oliver, Ph.G.	Edinburg, Ill.	Milligan and Stokes
Connor, Arthur Edward	Caledonia, Minn.	Faculty
Corey, Frederick Johnson	Auburn Park, Ill.	E. F. Lind
Cummings, Henry Thomson	Chicago, Ill.	Andrew Cummings
Darst, John	Galesburg, Ill.	D. J. Loring
Dart, Ralph	Rock Island, Ill.	Faculty
Delaney, Harry Oscar	Avoca, Wis.	J. T. Mann
Dent, Francis Edward	Alexandria, Minn.	S. M. McEwen,
DePree, Seine Bolks, A.B.	Sioux Center, Ia.	A. DeBey
Derbyshire, John Emerson	Cammack, Ind.	H. A. Cowing
Dewey, James Edwin	Stockton, Kan.	Faculty
Downs, William Fletcher	Battle Ground, Ind.	Faculty
Duane, Joseph Francis	Peoria, Ill.	Faculty
Ecke, Arnim	Fond du Lac, Wis.	R. H. Halsey
Ellison, Gayfree	Lindsberg, Kan.	C. L. Leonard
Fehring, William Bernhardt	Virginia City, Mont.	Faculty
Ferguson, Roy Ralph	Hastings, Neb.	J. C. Roberts
Fick, Edward Paul	Chicago. Ill.	D. Lee Shaw
Fischer, Herman	Pardeeville, Wis.	Faculty
Fitzpatrick, Martin William	Decatur, Ill.	Faculty
Fox, Robert Eastburn	Bryn Mawr, Pa.	W. C. Powell
Freeman, William LaFayette	Midway, Wis.	W. A. Lester
Ganzevoort, Andrew A.B.	Hospers. Ia.	A. DeBey
Gasche, Louis Edmund	Wooster, O.	H. H. Young
Geisel, Ezra Edward	St. Kilian, Minn.	Dr. Sullivan
Greig, Thomas Oliver	Chicago, Ill.	J. F. Dewey
Goodwin, Clarence G.	Decatur, Ill.	Faculty
Haecker, Theodore Clarence	Hampton, Ia.	Haecker and Melerian
Hagamon, Homer Clifford	Clinton, Ala.	Faculty
Hagen, Henry Otto	New Richland, Minn.	Faculty
Hamman, Amos F.	Meredosia, Ill.	Faculty
Hanson, Halvor	Manitowoc, Wis.	J. F. Pritchard
Harding, George Forstner	Brigham City, Utah	Faculty
Harms, Arthur Henry	Dixon, Ill.	Lydia Williamson
Harter, Rudolph Samuel	Wenona, Ill.	George W. Reid
Hatch, Edward White	Chicago, Ill.	Catherine V. Hatch
Hill, Earl Vernon	Andover, O.	Faculty
Hogan, Thomas Aloysius	Chicago, Ill.	Faculty
Hoon, Arthur Samuel	Dixon, Ill.	Lydia Williamson
Howe, Spencer S.	Savannah, Ill.	G. W. Johnson
Howell, Harry Lee	Kouts, Ind.	Lee G. Howell
Huckin, William	Ogden, Ill.	J. F. Harris
Huey, Walter Bayard	Evanston, Ill.	Z. E. Patrick
Jacobs, Edward Harrold	Burlington, Wis.	W. F. Jacobs
Jacobson, Louis Christian	Elroy, Wis.	W. E. Uttendorfer
John, Findley Dayton	Kenosha, Wis.	Faculty
Johnson, Lyford McChesney	Annawan, Ill.	Faculty
Jonker, Henery Lambert, A.B.	Uriesland, Mich.	Faculty
Kariher, Harry Cullen	Champaign, Ill.	Faculty
Keenan, Harry Anthony	Oregon, Wis.	George Keenan
Keller, Simon	Sauk City, Wis.	Faculty
Kelley, Thomas Henry	Appleton, Wis.	J. V. Canavan
Kelsey, Arthur Jones	Monterey, Ind.	William Kelsey
Kendall, Guy Mumford	Ft. Dodge, Ia.	Faculty
Koerper, Peter Joseph	Chicago, Ill.	F. J. Germer
Krieger, Wilhelm Emil	Belle Plaine, Minn.	G. R. Moloney
Laker, Lashbrook Bryceson	Salt Lake City, Utah	J. F. Kingsbury
Landes, George Albert	Arkansas City, Kan.	Faculty
Law, Edward Frederick	McDowell, Ill.	Faculty
Livermore, Walter Henry	Smith Center, Kan	Faculty
Lurie, William A.	Chicago, Ill.	M. A. Weisskopf
Lord, Harvey Hurd	Evanston, Ill.	Faculty
McClusky, Otto W.	Traverse City, Mich.	C. H. Horn
McIntosh, Oliver Allen	Chicago, Ill.	H. H. Vanpell
McNeill, Samuel Johnson	Hopkinton, Ia.	Livingston and Williamson
McShane, John James Hugh	Ivesdale, Ill.	Faculty
Maginn, Edward Francis	Chicago, Ill.	D. H. Cunnugh
Maguire, James Bernard	Chicago, Ill.	L. O'Shea
Mahoney, Thomas Aloysius	Joliet, Ill.	M. W. Kelley
Manley, Richard Sabine	Mt. Carmel, Ill.	P. G. Manley
Marchildon, John Woods	Thebes, Ill.	J. D. Porterfield, Jr.
Marvel, Luther Martin	Maynesville, Ill.	W. H. Smith
Matthews, John Bell	Moscow, Idaho	W. W. Watkins
Mau, Otto Frederick	Wheaton, Ill.	C. D. Wescott
Merrill, Orland Paul	Elgin, Ill.	Faculty
Miller, George P.	Chicago, Ill.	Faculty
Miltimore, Ira	Janesville, Wis.	C. G. Chittendon,
Mitchell, William James	Chicago, Ill.	Faculty
Moffett, Harry Crandall	Clinton, Ia.	R. S. Bingham
Monahan, Daniel George	East Troy, Wis.	Faculty
Mraz, John Zdeuek	Chicago, Ill.	Faculty
Newcomer, Lloyd Ellenberger, A.B.	Chicago	Faculty
Norton, Francis Patrick	Rochester, Minn.	Faculty
Novak, Charles	Humboldt, Neb.	M. A. Weisskopf
Noyes, George, Jr.	Waupaca, Wis.	Faculty
Oberembt, Bernard H.	Ashton, Wis.	Faculty
O'Brien, Edward Joseph	Chicago	Fac. St. Ignatius
O'Brien, Charles Laurentine	Chicago	D. Lee Shaw
O'Connell, Joseph	Watertown, Wis.	Wm. F. Whyte
Olson, Orvil Augustus	Axtel, Neb.	F. W. Whitney
Palmer, Adelbert Lee	Logansport, Ind.	B. C. Stevens
Palmer, Don Henry	Seattle, Wash.	Faculty
Panushka, Paul Wright	Chicago	Faculty
Parsche, Thomas William	Chicago	C. G. Davis
Peairs, Ralph Plummer	Normal, Ill.	G. M. Peairs
Pearson, Louis Mossop	Madison, Wis.	J. A. Jackson
Perkins, Stanley Ruben	Mishawaka, Ind.	Faculty
Powell, Dyer Jacob	Logansport, Ind.	J. Z. Powell.
Pitzele, William Aaron	Chicago	Faculty
Rehling, William	Waterloo, Ill.	L. Adelsberger
Reinhard. Hans August	Milwaukee, Wis.	Faculty
Reppert, Philip Arthur	Burlington. Ia.	F. A. Ambler
Richards, John Jay	Kansas City. Mo.	F. Van Schaick
Roberts, John A.	Portage, Wis.	B. C. Macher
Robinson, Harold Hemingway	Chicago	Faculty
Rowan, Edward James	Chicago	Faculty
Ruediger, Ernest Henry	Arcadia, Wis.	William Heiss
Schillo, John Frederick	Chicago	S. E. Donlon
Schlag, Rex Alexander	Prairie Du Sac, Wis.	Faculty
Schoen, Roland Eugene	Mayville, Wis.	A. F. Schoen
Schwuchow, Walter Bernard	Chicago	G. Sanderson
Scouller, John	Pontiac, Ill.	J. D. Scouller
Scullin, Charles Edwin	Peoria, Ill.	N. C. Dougherty
Seymour, Ernest Delacy	Dwight, Ill.	Faculty
Seifert, Carl Fred	Milwaukee, Wis.	Faculty
Shapiro, Hymen Bernard	Chicago	B. Epsterie
Sherman, Adam Edward	Appleton, Wis.	N. P. Mills
Shinnick, John Dill	Watertown, Wis.	F. B. Holmann

NAME	RESIDENCE	PRECEPTOR
Slepicka, Joseph Frank	Chicago	O. L. Smith
Smith, Robert Abercrombie	Rock Springs, Wyo.	E. E. Smiley
Snyder, Henry Galen	Seneca, Kan.	Alfred Snyder
Spicer, Clinton Elbert	Rio, Wis.	Faculty
Staudt, Ira Kester	Union City, Ind.	G. Reynard
Storm, P. Henry	Chicago	Dr. Cottrell
Strand, Benjamin Frederick	San Francisco, Cal.	L. Hektoen
Strobridge, Jesse George	Elgin, Ill.	Faculty
Swisher, Thomas Justin	Eliza, Ill.	Faculty
Taplin, Joseph Delbert	Belvidere, Ill.	J. E. Rhodes
Tholen, Emil Francis	Pt. Washington, Wis.	W. F. Scott
Thomas, Verlin C.	Traverse City, Mich.	C. F. Grown
Tuffley, Frank Sylvester	Boscobel, Wis.	Thomas Tuffley
Ury, John Busby	Defiance, O.	Faculty
Van Cott, Ernest	Salt Lake City, Utah	Dr. Croxall
Van Cott, Harold	Salt Lake City, Utah	J. E. Talmage
Van Dyke, John Henry	Alexandria, Minn.	S.M. McEwen
Walpert, Bernard Elias	Chicago	Rudolph Menn
Ward, George Alexander	Shelbyville, Ill.	Theo. Thompson
Weiss, John Michael	Rock Island, Ill.	Faculty
Werner, Nels	Chicago	Faculty
West, Pearl	Pleasant Hill, O.	Faculty
Winsor, Richard Frederick	Auburndale, Mass.	R. Winsor, D.D.
Woodcock, Albert	Byron, Ill.	A. J. Woodcock
Worley, Robert Edwin	El Paso, Ill.	F. Stubblefield
Willard, Harry Gaylord	Aurora, Ill.	J. Selkirk
Yeck, Fritz Carl	Meredosia, Ill.	Faculty
Young, Eugene Yetman	Glasgow, Ky.	Faculty

SOPHOMORE CLASS

NAME	HOME	PRECEPTOR
Adams, James Ladlie	Pittsfield, Ill.	J. Estill Miller
Agate, William Richland	Chicago	Faculty
Aiken, Cullen Perry	Newburg, Ind.	Faculty
Allen, Harry Sheldon	Keithsburg, Ill.	J. S. Allen
Anderson, John Milton	Greenville, O.	L.C. Anderson
Ansley, Robert	Westville, Ind.	H. N. Evans
Arpke, Richard Calvin	Franklin, Wis.	C. F. Arpke
Ball, William Reeves	Mitchell, So. Dak.	W. E. Crane
Barlow, Thomas Howell	Fargo, No. Dak.	I. N. Wear
Barnebee, James Hosea	Mendon, Mich.	S. A. Edwards
Barnes, Charles Wesley	Thomasville, Ga.	Faculty
Barrett, Charles Cyrus	Spring Valley, Ill.	S. E. Beebe
Barry, Howard Jerome	Floyd, Wis.	Faculty
Barry, Russell Thomas	Chicago	John M. Cooke
Bath, Dane Henry	Chicago	Faculty
Bawden, Frank Clare	Pontiac, Ill.	Dr. Rose
Beers, Robert Cyrenius	Chicago	Faculty
Beeson, John Bradley	Marshalltown, Ia.	Faculty
Benjamin, Ralph Linwood	St. Anne, Ill.	S. S. Thomas
Benson, Adelbert H.	Lake Park, Ia.	Faculty
Benson, John Paul	Peoria, Ill.	Faculty
Bentley, Henry Colegrove	South Bend, Ind.	C. Stoltz
Bernhardi, Carl Oscar	Rock Island, Ill.	C. Bernhardi
Bernhardt, John Matthew	Cassville, Wis.	C. De Jong.
Bessette, Adelard Elphige	Chicago	F. S. J. Bessette
Best, Bruce Taylor	Arlington Heights, Ill.	J. E. Best
Blakesley, Theodore Seward	Rock Island, Ill.	Faculty
Blatchford, Francis W.	Chicago	Faculty
Boatman, Harry F.	Knoxville, Ill.	E. Schwartz
Bolender, Stephen Aly	Freeport, Ill.	Faculty
Bostwick, James Grimes	Mishawaka, Ind.	Faculty
Briggs, Carl Francis	Sullivan, Ind.	Charles F. Briggs
Britton, James Andrew	Sidney, Neb.	G. O. W. Farnham
Brower, Daniel Roberts, Jr.	Chicago	D. R. Brower
Brown, Charles Percy	Chicago	W. L. Brown
Bruce, John Percy	Chicago	Dr. Downey
Bruehl, Anthony Frederick	Cold Water, Mich.	Faculty
Buckland, Ralph Hale, B.S.	Dartford, Wis.	Faculty
Burke, Walter Henry Ambrose	Walker, Ia.	Faculty
Burtis, Frederick Gauntt	Chicago	J. E. Reynolds
Campbell, Charles Samuel	Ottawa, Kan.	Faculty
Carnelley, James Henry	Joliet, Ill.	Faculty
Carney, John Robert	Logansport, Ind.	B. C. Stevens.
Clough, Francis Edgar	Deadwood, So. Dak.	A. Strachen
Collins, James Patrick,	Chicago	P. J. Collins
Colnon, A.		
Colwell, John Bruner, Ph.B.	Bloomington, Ill.	Faculty
Converse, Elliot Vanveltner	Palestine, Tex.	W. J. Jameson
Cornish, Edwin Joseph, B.S.	Myrna, Minn.	E. D. Cornish
Coverdale, Earl Gilbert	Decatur, Ind.	J. S. Coverdale
Dally, Harry Homer	Kempton, Ill	H. M. Dally
Darby, George Switzer	Otterbein, Ind.	Faculty
Davies, Charles G	Spring Green, Wis.	Faculty

NAME	HOME	PRECEPTOR
Davis, John Westby	Defiance, O.	Faculty
Dolan, William, Jr.	Bloomer, Wis.	Robert Cottington
Donlon, William James	Los Animas, Col.	B. H. Chamberlin
Dunn, Arthur D.	Chicago	Faculty
Edwards, William		
Edgar, Nelson	Holstein, Ia.	J. C. Edgar
Eickelberg, Fred August	Juneau, Wis.	Faculty
Elfrink, Benjamin Franklin, B.S.	Aurora, Ill,	Faculty
Emley, Samuel Charles, A.B.	Great Bend, Kans.	J. Hess
Everly, Walter, B.S.	Goldthwaite, Tex.	Faculty
Faulker, William Henry	Chicago	Faculty
Fay, Oliver James	Postville, Ia.	Faculty
Fields, Richard Benjamin	Freemont, Neb.	Faculty
Fithian, George Rolland	Newton, Ill.	Faculty
Fitzmaurice, Edward Stokes	Stokesville, No. Dak.	Ed. Fitzmaurice
Fletcher, Frank D.	Chatham, Ill.	J. T. Woodward
Foat, John Samuel, B.S.	Glen, Wis.	E. C. Barnes
Fowler, James Harmon	McCook, Neb.	W. V. Gage
Fox, Philip Angus	Milwaukee, Wis.	A. T. Holbrook
Frick, John Merl	Ottawa, O.	C. E. Beardsley
Frye, Clarence Maxfield	Morrison, Ill.	D. B. Seger
Fuller, Spencer Samuel	Hoopeston, Ill.	H. S. Day
Ford, William Brown, B.S.	Sparta, Wis.	Faculty
Gardner, Cyrus Alvin, A.B.	Kendalville, Ind.	Faculty
Gates, Eugene	Marengo, Ia.	Faculty
Gay, Robert James	Madison, Wis.	Faculty
Gleason, William Thomas	Gladstone, Mich.	R. S. Forsyth
Gleeson, Benjamin, Ph.G.	Springfield, Ill.	Faculty
Goldberg, Joseph	Chicago	Jacob Apt
Good, Robert Hosea, B.S.	Waterloo, Ont.	Joel Go od
Graham, John Albert	Chicago	Facultyr
Greenbaum, Frederick	Chicago	M. Whi l
Gutherie, James Doctor	Oskaloosa, Ia.	Professor A. Hull
Hamill, Ralph C.	Chicago	Faculty
Harris, Clinton Ephraim	Grinnell, Ia.	E. H. Harris
Harris, Oscar Porter	Meriden, Ill.	G. J. Wormley
Harrold, Edwin Orin	Roll, Ind.	J. R. Harrold
Hartman, William M.	Arcadia, Wis.	Jegi and Lawrence
Hastings, John Charles	Bailey, Ia.	H. T. Walker
Heineman, Albert August	Chicago	Faculty
Helton, Alfred Joseph	Atwood, Ill.	Faculty
Henneberry, Ambrose M.	Dalton City, Ill.	Faculty
Hitchcock, William Elbert, B.S.	Chicago	Faculty
Hogan, John Martin	Waunakee, Wis.	M. O'Malley
Hoiby, Charles Oscar	Chicago	Faculty
Holinger, Otto, D.D.S.	Chicago	Faculty
Hopkins, Edward Howard	Spokane, Wash.	E. Dwight Hopkins
Houlihan, Thomas Joseph	Charter Oak, Ia.	J. J. McWilliams
Hoyt, Doc Coaley	Chicago	Faculty
Hughes, Andrew Jackson	Escanaba, Mich.	O. E. Youngquist
Hughes, Lawrence Jesse	Decatur, Ind.	S. D. Beavers
Huizenga, Richard, B.S.	Rock Valley, Ia.	F. J. Huizenga
Hulbert, Charles Darwin	Chicago	D. B. Fonda.
Jackson, Gustavus Brown	Owensboro, Ky.	D. F. Griffith
Johnson, Arnold Edwin, Ph.B.	Red Wing, Minn.	H. L. McKinstry
Johnson, David Powell, Jr. Ph.B.	Muscatine, Ia.	Faculty
Johnson, Henry Benton	Pomona, Kans.	Faculty
Kieffer, Edward John	Monroe Point, Wis.	Faculty
Kennett, Geo. Hempstead, B.S.	Missoula, Mont.	Faculty
Kinnaman, Guy Carson	Ashland, O.	R. C. Kinnaman
Kistner, John Wesley	Elkhart, Ind.	I. W. Short
Kremer, John	Grand Rapids, Mich.	Louis Barth
Krogh, Clarence Alfred	Mount Horeb, Wis.	Prof. E. Kremer
Krumme, Frederick Otto	Fond du Lac, Wis.	S. A. Krumme
Ladwig, Walter Alvin	Appleton, Wis.	M. J. Rodermind
Lakemeyer, Adolph	Chicago	Faculty
Larsen, Ralph Ludwig	Chicago	W. P. Verity
Leavitt, Emanuel J.	Brooklyn, N. Y.	Faculty
Lennox, Edwin. B.S.	Marion, Ind.	T. C. Kimball
Lincoln, Simon Emanuel	Jamestown, N. Y.	C. O. Young
Lofgren, Carl Alben	Dayton, Ia.	Faculty
Lowry, Norbert Julius	Cresco, Ia.	Faculty
Luhman, Frederick Walter	Manitowoc, Wis.	F. S. Luhman
Lund, Nels. James	West Superior, Wis.	W. E. Ground
Malkin, Max	Chicago	Faculty
Maple, James Brian, A.B.	Sullivan, Ind.	Charles F. Briggs
Matthei, Philip Henry	Chicago	Philip Matthei
Mead, Frank Keeth	Salina, Kas.	Faculty
Meissner, Carl Herbert	Chicago	Faculty
Merriman, James Anthony	Selma, Ala.	F. J. DuBose
Merritt, Walter Dwight	Janesville, Wis.	C. F. Woods

NAME	HOME	PRECEPTOR
Miller, Daniel Burton	Brazil, Ind.	Faculty
Miller, George DeVere	Cadillac, Mich.	Carroll E. Miller
Michell, George W.	Gridley, Ill.	J. A. Taylor
Morse, Samuel Smith, B.S	Ripon, Wis.	A. Michell
Mueller, Edward William	Manitowoc, Wis.	F. S. Luhman
McCarthy, Harry H.	Dubuque, Ia.	J. F. McCarthy
McCaughey, Robert Stanton, A.B.	Hoopeston, Ill.	T. C. McCaughey
McCoy, John Hamilton	Beattie, Kans.	B. P. Hatch
McDonough, William Connolly	Woodburn, Ia.	Faculty
McGovern, James Eugene	Highland, Wis.	J. E. Mahoney
McIntyre, Edward Hubert	Streetor, Ill.	Faculty
McKirahan, Josiah Ralph	Norfolk. Va.	A. M. Anderson
McManus, William Francis	W. Superior, Wis.	J. C. Adams
Nadeau, Alexander Thomas	Marinette, Wis.	Faculty
Naramore, Hal Sherman	Mason City, Ia.	Faculty
O'Brien, J.		
Olson, Carl Oscar	Holdrege, Neb.	Faculty
Oosterbeck, John Geddes	Chicago	Faculty
Osborne, John William	Rantoul, Ill.	Faculty
Pearsoll, Robert Percy, A.B.	Port Byron, Ill.	Faculty
Peppler, Julius Frederick	Muskegon, Mich.	Jacob Oosting
Phillips, Clark Ernest	Wrightstown, Wis.	M. E. Corbett
Porterfield, William Lowrie	Cape Girardeau, Mo.	J. D. Porterfield
Potthoff, Ernest W.	Oak Park, Ill.	L. C. Borland
Prasch, Herbert F.	Burlington, Wis.	W. A. Fulton
Pugh, Florin Harrison	West Lebanon, Ind.	Faculty
Quick, Edward William	Cordova, Ill.	W. R. Freek
Reay, Matthew	Braceville, Ill.	F. D. Houson
Rehor, Charles John	Chicago	J. L. Wistein
Rhodes, Walter R.	Neal, Ill.	J. A. Baughman
Richards, Clarence Alfred	Rhinelander, Wis.	A. D. Daniels
Rickfort, William Otho	Lake Mills, Wis.	Wm. A. Engsberg.
Robinson, Frank Crawford	Waitsburg, Wash.	Faculty
Rogers, H.		
Roost, Fred H.	Jackson, Neb.	Faculty
Rosenow, Edward C.	Montana, Wis.	E. E. Ochsner
Ross, William Grant	Peotone, Ill.	Faculty
Schmidt, Ernest	Marshfield, Wis.	Faculty
Schulz, Arthur Francis	Chicago	R. G. Collins
Schultz, Albert	Sleepy Eye, Minn.	Faculty
Schurmeier, Frederick Charles, B.S.	Houbstadt, Ind.	H. Schurmeier, Sr.
Schwendener, John Edward	Milwaukee, Wis.	J. Schweudener
Scott, Russell Fanning, B.S.	Scott Land, Ill.	Faculty
Shaw, Archibald O.	Helena. Mont.	W. H. Johnson
Sheldon, Stuart Harris	Madison, Wis.	C. S. Sheldon
Sim, William Alexander, Jr.	Golconda, Ill.	H. W. McCoy
Smith, Frank Leslie	Chicago	Faculty
Sokol, John Morrison, B.S.	Onslow, Ia.	J. W. Kirkpatrick
Sonnenschein, Joseph Benjamin	Chicago	E. B. Shumway
Spangenberg, William Charles	Chicago	Faculty
Spaulding, William Folsom	Greeley, Col.	Faculty
Spengler, Albert Charles	Chicago	J. P. Pfeiffer
Spurgeon, Orville Elmer	Muncie, Ind.	William A. Spurgeon
Strong, Charles David	Paxton, Ill.	E. M. Miller
Sweet, Robert Ballantine	Hampton, Ia.	L. E. Hacker
Sykes, Roy Wilkinson	Hamburg, Ia.	Arnold Jolly
Stevenson, Frank Hastings, B.A.	Rising Sun, Ind.	G. A. Stevenson
Shuman, J. Raye	Chicago	J. A. Smith
Tarnutzer, Benjamin Charles	Portage, Wis.	B. C. Meacher
Thayer, Marion N.	Elnora, Ind.	H. H. Thayer
Thomsen and von Colditz, Gambon, R.	Chicago	W.A.D.Montgomery
Tipton, Samuel Patterson	Ft. Scott, Kan.	J. B. Carver
Tormey, Thomas William	Madison, Wis.	D. B. Collins
Vinson, Harry Warren	Ottumwa, Ia	Faculty
Van Nuys, Walter Crowe	Osawatamie, Kan.	J. D. Van Nuys,
Vork, John	Holland, Mich.	Louis Barth
Wallis, Frank Calvin, B.S.	Pickering, Mo.	W. M. Wallis
Warren, Bacil Agustine	Blackriver Falls, Wis.	Faculty
Waugh, Clifton Michael, B.S.	Fairfax, Mo.	Faculty
Weber, Ernest Owen	Vaysarano, Neb.	Faculty
Welch, Joseph Michael	Madison, Wis.	M. O'Malley
Wenglesky, Julius F.	Chicago	D. Lee Shaw
Wernham, James Ingersoll, B.S.	Marengo, Ill.	S. C. Wernham
Wherritt, David Henry	Chicago	Faculty
White, Arthur Weaver, B.L.	Paxton, Ill.	S. M. Wylie
Wood, Ernest	Chicago	J. A. Patton
Woodyatt, Rollin Turner	Evanston, Ill.	Faculty
Yates, Walter Wilson, B.S.	Chicago	A. A. Knapp
Young, John Wray, B.S.	Bloomfield, Ia.	J. W. and H. C. Young

JUNIOR CLASS.

NAME	HOME	PRECEPTOR
Adams, George Sheldon	Groton, S. Dak.	W. J. Evans
Alford, Edward True	Waterloo, Ia.	Faculty
Allen, George Stuart, D.D.S.	Highlands, Ind.	Arthur Westfall
Arzt, Herbert Lloyd	St. Paul, Minn.	J. W. Turner
Ashcroft, Felix Edward	Ashcroft, So. Dak.	A. H. Bowman
Avery. Wilber M.	Dixon, Ill.	A. W. Chandler
Avey, Oliver Hammond, A.B.	Salt Lake City, Utah	D. A. Hoffman
Bailey, Harry Brawley	Oak Park. Ill.	Faculty
Baker, Ernest Sumner, B.S.	Otterbein, Ind.	Faculty
Barnebee, James William	Fulton, Mich.	S. B. Snyder
Baumgartner, Moses Milton, B.S.	Orangeville, Ill.	E. R. Smith
Bellows, William Samuel	Waukegan, Ill.	J. C. Foley
Bentley, Frederick James	Grand Island, Neb.	Faculty
Biggar, James H.	Chicago, Ill.	Faculty
Blacklock, Samuel Scott, Ph.G.	Vergennes, Ill.	D. J. Loring
Blatherwick, Wilfred Edwin, B.A.	Rock Valley, Ia.	Faculty
Bowen, Fred S.	Eddyville, Ia.	T. E. Vance
Bower, Raymond Elmer, Ph.B.	Chillicothe, O.	Faculty
Bowers, Arthur Stevens	Cedar Falls, Ia.	F. Connor
Boyd, David Hugh	Wichita, Kan.	J. E. Oldham
Boyd, Frank Putman	Lewiston, Minn.	C. A. Boyd.
Breaks, Luther Zwingli	Crawfordsville, Ind.	H. E. Greene
Briggs, Stanley Jerome	Dodgeville, Wis.	Dr. Pearce
Broderick, D.	Kansas City, Mo.	Edwin Broderick
Brown, Oran A.	Lenox, Ia.	J. P. Scroggs
Brundage, Myron	Nora Springs, Ia.	Faculty
Bryant, William V.	Madison, Wis.	Philip Fox
Bunker, Ernest Isaiah	Frederick, So. Dak.	Faculty
Burnap, Willard Lathrop	Clear Lake, Ia.	Dr. Charlton
Carpenter, Gilbert Vilas	Iron Mountain, Mich.	W. L. Carpenter
Carney, Edwin John	Watkins, N. Y.	A. L. Beahan
Carter, Joseph J.	Burlington Jct., Mo.	Faculty
Chenoweth, Oscar U.	Otterbein, Ind.	Faculty
Cleff, Oscar	Chicago, Ill.	W. C. Sanford
Corliss, Arthur V.	La Grange, Ill.	A. T. Corliss
Costello, Charles Albert	Chicago, Ill.	Faculty
Cox, Roy Herndon	Trenton, Mo.	J. H. Pattan
Crawford, James Harry	Plymouth, Ill.	T. J. McDaniels
Crow, John Staley	Mosca, Colo.	Faculty
Crowe, John	West Superior, Wis.	Faculty
Daniels, Charles Edward	Marion, Ia.	G. E. Fullerton
Darrow, Edward	West Superior, Wis.	L. N. Beebe
DeMott, Chester Wilmot	Independence, Kan.	J. T. Davis
Dickerson, Spencer Cornelius	Austin, Tex.	J. F. McKinley
Donelly, James Edmund	Terra Haute, Ind.	W. Schell
Dubs, Jesse James	Chicago, Ill.	Faculty
Dunn, John Clement	Owen Sound, Ont., Can.	N. R. Engels
Durkee, Alvaro	Pontiac, Ill.	J. B. Baker
Early, Charles DeWitt	Springfield, Ill.	J. N. Dixon
Early, Ralph O.	Albia, Ia.	H. C. Eschbach
Echols, Chester Madison	Chicago, Ill.	Faculty
Eckdall, Frank Albert	Emporia, Kan.	F. F. Foncannan
Egan, Gregory J.	Beloit, Wis.	Faculty
Eignus, William T.	Forrest, Ill.	H. M. Hayes
Enochs, Edward Lincoln, B.S.	Chicago, Ill.	V. Adamson
Ernst, George Regnald, A.B.	Watertown, Wis.	F. C. Werner
Evers, John	Bowling Green, O.	W. M. Fuller
Ewers, Joseph B.	Effingham, Ill.	J. N. Groves
Farnum, Charles George, B.S.	Elmwood, Ill.	J. F. Percy
Fischer, Martin Henry	Chicago, Ill.	Faculty
Fisher, Fred Alfred	Oak Park, Ill.	Faculty
Fischer, Jacob G.	Indianola, Ill.	F. M. Odbert
Fox, John Sebastian	Holland, Wis.	W. N. Nolan
Francis, Lee Masten, Ph.B.	Knoxville, Pa.	R. W. Francis

NAME	HOME	PRECEPTOR
Franklin, Isaac Joseph Dinital, B.S.	Galesburg, Ill.	Faculty
Frazier, Harold Langford	Atchison, Kan.	Hubbard Lindley
Freeman, William Mostyn	Aurora, Ill.	Faculty
Frisbie, Charles Biglow, Ph. B.	Grinnell, Ia.	E. W. Clark
Fritsche, Alvin Gustave	Lomira, Wis.	F. M. Baker
Garlock, Lewis Franklin	Racine, Wis.	F. R. Garloch
Garvy, Andrew Cosmas, A.B.	Chicago, Ill.	Faculty
Gething, Joseph W.	Battle Creek, Mich.	Faculty
Getz, Nathan Worley	Marshalltown, Ia.	H. L. Getz
Ghent, Monroe M., Ph.G.	Carterville, Ill.	D. J. Loring
Gleason, Charles Mills	Whitewater, Wis	Faculty
Gosling, John Anthony	Ottawa, O	E. L. Tupper
Gould, Charles Webster, Jr. A.B.	Berea, Ky.	Faculty
Green, Morton Kay	Middleton, Wis.	Faculty
Griffin, William J.	Clare, Ia.	M. F. Murray
Gulick, Walter Vose, A.B.	Chicago, Ill.	Faculty
Hardie, Robert	Chicago, Ill.	Dr. Reynolds
Havens, Albert	Bushnell, Ill.	Faculty
Heffernan, Michael T.	Woonsocket, R. I.	Faculty
Hemingway, Willoughby Anson, A.B.	Oak Park, Ill.	C. E. Hemingway
Henry, Charles A.	Fostoria, O.	C. A. Henry, Sr.
Hill, Matthew M.	Edinburg, Ill.	Dickerson & Spicer
Hinshaw, Otis Walter	Snow Hill, Ind.	B. S. Hunt
Hodges, Frank Lewis	Monroe, Wis.	Faculty
Hoffman, Clyde Bernard B.S., Ph.G.	Brazil, Ind.	Faculty
Hubbard, Frank LeRoy	Virginia, Ill.	C. M. Hubbard
Hubbard, William Marion, B.S., Ph.G.	Clark, Mo.	R. A. Woods
Johnson, Arthur Clark, A.B.	Monmouth, Ill.	F. E. Wallace
Johnson, Abel William	Lindsborg, Kan.	Faculty
Johnson, George Monroe	Maquoketa, Ia.	G. O. Johnson
Jones, Noble W., A.B.	Salt Lake City, Utah	P. E. Jones
Jones William D.	Williamsville, Ill.	Faculty
Kaster, Thomas Joe	Burlington, Ia.	J. Flemming
Keller, Alvin, B. S	Attica, Ohio	Faculty
Kelley, Thomas Jefferson B. S.	Cushing, Ia.	Faculty
King, Allen Mason	Jacksonville, Ill.	Faculty
Kirtley, Charles Luther, B.C.E.	Salmon, Idaho	Faculty
Klingberg, William August	Dillon, Kan.	Faculty
Knapp, Bleeker James	Evansville, Ind.	A. J. Knapp
Lamping, Thomas J.	Peoria, Ill.	Faculty
Landauer, Seward L.	Lincoln, Ill.	H. B. Brown
Lathrop, Homer Riale	Chicago, Ill.	J. W. O'Neill
Lavin, John Michael	Chicago, Ill.	D. J. Lynch
Leach, Roy Bertram	Joliet, Ill.	Faculty
Leeper, David D.	Phelps City, Mo.	Faculty
Lees, Alfred Tennyson	Mondovi, Wis.	Faculty
Lilly, Coral Albert	Hiawatha, Kan.	E. W. Bliss
Lind, Carl Olander	Chicago, Ill.	C. M. Johnson
Lindquist, John Fred	Chicago, Ill.	F. A. Lensman
Linehan, Charles Mathias, A.B.	Dubuque, Ia.	G. A. Staples
Link, Francis Marion	Paris, Ill.	Faculty
Loomis, Charles Henry, A.B.	Hoge, Kan.	Faculty
Luckey, George Miller	Vinton, Ia.	J. E. Luckey
Lyon, John Bates	Harvard, Ill.	C. M. Johnson
McBride, William Linn	Decatur, Ill.	Faculty
McCamish, Edwin Wallace	Mineola, Tex.	A. S. Cochrane
McCarthy, Thomas Henry	Stoughton, Wis.	Faculty
McCaw, John Alexander, A.B.	Beloit, Wis.	Faculty
McDonald, John Alexander	Eaton, O.	F. M. Michael
McKenzie, Duncan Stewart	Wabasha, Minn.	P. N. Kelley
McLean, Charles R.	Princeton, Ill.	Faculty
McMurry, Marvin Caldwell	Shelbina, Mo.	T. B. Owing
Mahoney, James Burris	Chicago, Ill.	Faculty
Marquardt, Edward William	Addison, Ill.	H. W. F. Bartells
Metzger, Jerry Herman	Oak Harbor, O.	Faculty
Monroe, Duncan Daniel	Sterling, Colo.	Faculty
Morris, Arthur St. Clair	Austin, Ill.	Faculty
Morrow, Hamilton Nesbit	Camptown, Pa.	A. D. Nesbit
Murray, Alfred Nicholas	Chicago, Ill.	Faculty
Mustard, John Howard, A.B.	Abilene, Kan.	R. McShea
Nicholson, James Murray	Chicago, Ill.	Faculty
Ohlmacher, Joseph Christopher	Sycamore, Ill.	A. P. Ohlmacher
Oliver, Paul, B.S.	Chicago, Ill.	Faculty
Olson, Otto Rangvald	Winona, Minn.	F. R. Weston
O'Malley, Patrick Henry	Waunekee, Wis.	M. P. O'Malley
Otradovec, Joseph Henry Mary	Chicago, Ill.	A. M. Corwin
Overholser, John D.	Coleta, Ill.	A. E. McBride
Owen, Roy LaFayette	Burlington, Wis.	A. W. Fulton
O'Dwyer, William	Dane, Wis.	Faculty
Pangburn, Harry Keep	Maysville, Ky.	S. Pangburn
Park, Benjamin Franklin	Viola, Ill.	J. C. Frazier
Patton, Fred Pasco	Ohicago, Ill.	Faculty
Pence, Roy W.	Maquoketa, Ia.	D. N. Loose
Petrovitsky, John C.	Cedar Rapids, Ia.	J. M. Ristine
Pittman, James Harry	Roseville, Ill.	W. E. Pittman
Pixley, Charles, A.B.	Missoula, Mont.	Faculty
Porter, Robert Henry	Glasgow, Ky.	R. H. Porter
Portis, Moses Milton, B.S.	Chicago, Ill.	Faculty
Potter, George Washington, B.S.	Mitchell, S. Dak.	Faculty
Putman, Ola.	Bucklin, Mo.	Faculty
Ramsey, James Wilson	Aledo, Ill.	Wallace and Guthrie
Rayner, Herbert Wollesley	Chicago, Ill.	A. J. Newell
Read, Charles Francis, Ph.B.	Oswego, Ill.	Faculty
Rentz, Charles B.	Oxford, Ia.	E. A. Doty,
Risley, Chester Howard	Cameron, Mo.	Faculty
Roach, James Joseph	Chicago, Ill.	Faculty
Robbins, Charles Sumner	Peoria, Ill.	J. P. Pfeifer
Rogers, Roy Francis	Springfield, Ill.	Ryan and Otis
Ross, Moses Hodge	Evansville, Ind.	P. Y. McCoy
Runkle, Herman Abraham, Ph.B.	Lisbon, Ia.	G. E. Crawford
Russell, S. Frank	Macomb, Ill.	S. Russell
Rutherford, Leslie	Peoria, Ill.	Faculty
Sandbo, Thoralf	LaCrosse, Wis.	Faculty
Schneider, Leo E.	Oregon, Ill.	Faculty
Schroeder, Arthur G.	Chicago, Ill.	Faculty
Schroeder, Wm.	Dubuque, Ia.	J. F. Macarthy
Sheets, Horace,	Oregon, Ill.	Faculty
Sheldon, Benjamin, Lillibridge	Cedar Rapids, Ia.	W. L. Berring
Sidle, Charles Darwin	Van Wert, O.	Faculty
Slayton, Fred H., B.S.	Elmwood, Ill.	Faculty
Slevin, Richard Spalding	Peoria, Ill.	Faculty
Smith, John Lawrence	Chicago, Ill.	J. M. Richmond
Sonnenschein, Robert	Chicago, Ill.	Faculty
Soper, Alexander Coburn, Jr.	Chicago, Ill.	Charles Adams
Sternberg, Joseph D.	Albany, Ore.	J. L. Hill
Stinson, Bert L.	Pontiac, Ill.	Faculty
Storie, David Q., Jr.	Chariton, Ia.	J. H. Stanton
Strauss, Frederick B.	Bismarck, N. D.	Faculty
Stumm, Thomas Wesley, Ph.G.	Carterville, Ill.	D. J. Loring
Swezey, Harry Newton	Marion, Ind.	T. C. Kimball
Taylor, Carlton, Eleazar, A.M., Ph.D.	Rock Island, Ill.	J. F. Meyers
Tobin, John	Gilberts, Ill.	Dr. James
Trankle, Herbert Milo	Bloomer, Wis.	E. H. Rogers
Trapp, Albert R.	Lincoln, Ill.	A. M. Sargent
Trommald, Gunder T.	Tacoma, Wash.	Faculty
Tubbs, Ray Burney	Emerson, Ia.	W. S. Williamson
Tucker, Francis F., B.S.	Lincoln, Neb.	Faculty
Uehren, Wilber A.	Aurora, Ill.	Faculty
Uppendahl, William John	Dalton City, Ill.	Faculty
VanKirk, Frank Walter, B.S.	Janesville, Wis.	Faculty
Vaughan, Herbert Games	Chicago, Ill.	Faculty
Weber, Hymen Lawrence, A.B.	Springville, N. Y.	Faculty
West, Claudius Wilson, B.S.	Galesburg, Ill.	G. E. Luster
Wherry, William Buchanan	River Forest, Ill.	Faculty
White, Carlos Moulton	Alexandria, Minn.	Faculty
Whitsitt, Wilson Henry, B.S.	Preemption, Ill.	Faculty
Wilder, Loren	Gridley, Ill.	J. A. Taylor
Wilkinson, Hugh	Seneca, Kan.	Faculty
Williams, Frank Spalding, B.S.	Villisca, Ia.	Faculty
Wood, Frank M., Jr., A.B.	Franklin, O.	F. M. Wood
Wright, William Albert	Laramie, Wyo.	T. J. Stiver
Yoder, Albert C.	Vincennes, Ind.	Faculty
Zaun, Jacob Joseph	Pewaukee, Wis.	Geo. S. Love
Zaun, John Joseph	Pewaukee, Wis.	Geo. S. Love

SENIOR CLASS

Abbott, Clark Lorenzo, B.S.	Ft. Seneca, O.	Faculty
Albee, Ernest Stuart	Oshkosh, Wis.	B. C. Gudden

NAME	HOME	PRECEPTOR
Aling, Charles, Percy,	Blue Earth City, Minn,	Faculty
Allen, Omer Frank	Mt. Vernon, Ill.	R. A. Goodner
Andrist, James Walter, Ph.G.	Roscoe, Minn.	Faculty
Aylward, Richard C.	Black Earth, Wis.	Faculty
Bachellé, Cecil V., M.S.	Chicago, Ill.	G. V. Bachelle
Bachman, Robert Alexander	Allegheny, Pa.	Faculty
Bailey, Bert Hield, M.S.	Traer, Ia.	Faculty
Bailey, Charles Whitney, Ph.G.	Hebron, Ill.	Faculty
Ballinger, John Ralph	Atchison, Kan.	W. W. Campbell
Barnes, Albert Spurgeon, B.S.	Granville, O.	E. J. Barnes
Bartley, James Hutchinson, B.S.	Albion, Mich.	Faculty
Beck, John Charles, Ph.G.	Chicago, Ill.	A. Holmboe
Benson, Emanuel Oliver, A.B.	Chicago, Ill.	A. J. Ochsner
Beyer, Hart	Orange City, Ia.	Faculty
Betten, Herman J., A.B.	Orange City, Ia.	Faculty
Betts, Charles Allen, M.D.	Nickersor, Minn.	Faculty
Bieringer, William A.	Denver, Colo.	Lee Kahn
Bland, Morton Wallace	Galion, O.	W. J. Kelly
Boone, William Herbert	Chrisman, Ill.	F. N. Odbert
Bohan, Peter Thomas	Seaton, Ill.	W. W. Holmes
Botsford, Claude W., M.D.	Chicago, Ill.	A. M. Webster
Brown, Frederick Charles	Chicago, Ill.	Faculty
Brown, Orlando Bates	Chicago, Ill.	Faculty
Brockway, Porter Bruce, B.S.	Toledo, O.	R. T. Parmeter
Bucher, Louis Frederich, M.D.	Dayton, O.	D. A. Scheibenzuber
Budge, David Clare	Paris, Idaho	E. C. Rich
Carver, Simon Clayton	Chicago, Ill.	W. F. Carver
Charles, Milton Ross, A.B.	Ada, O.	W. Montgomery
Clary, Bernard Lawrence	North Bristol, Wis.	T. P. Crosse
Clouse, Arne Wilbur, B.S.	Hope, Ind.	Faculty
Clements, George E., B.S.	Crawfordsville, Ind.	G. W. Hall
Colwell, Nathan Porter	Lincoln, Neb.	J. B. Herrick
Condon, Albert Paul, D.D.S.	Springfield, Ill.	J. J. Condon
Conway, Joseph Lafayette	Chicago, Ill.	Faculty
Cord, Charles Edwin	Emerson, Neb.	Faculty
Cossairt, William Santford	Potomac, Ill.	Faculty
Cothern, William R.	Guthrie, Ill.	H. N. Boshell
Crain, Lewis Frank, Ph.G.	Villa Ridge, Ill.	Faculty
Cragin, Henry B.	Evanston, Ill.	H. B. Cragin
Crum, Philip Alfred, M.D.	Chicago, Ill.	Faculty
Cunat, Edward	Chicago, Ill.	Faculty
Curry, Charles Samuel	Clayton, Ill.	J. P. Harrell
Danielson, Karl Augustus	Chicago, Ill.	U. G. Windell
Dahms, Oscar Adolph	Davenport, Ia,	Matthey Bros.
Davies, Rupert Arthur,	Fremont, Neb.	W. K. Davies
Davis, Edgar George, M.S., M.D.	Chicago, Ill.	J. W. O'Neill
Dearholt, Hoyt E.	Milwaukee, Wis.	Faculty
Dodd, Frank Clark	Clayton, Ill.	J. N. Black
Dorsey, Michael Francis	Amboy, Ill.	Faculty
Daugherty, John William Ph.G.	Chillicothe, Ill.	Faculty
Duncan, Francis Osborn, M.D.	Chicago, Ill.	T. C. Duncan, M.D.
Duncan, Henry	Maryville, Mo.	Faculty
Davidson, Eric Adolphus, A.B., M.D.	Chicago, Ill.	N. A. Graves
Edwards, Frank Hiram, M.D.	Evanston. Ill.	A. J. Ochsner
Farr, Robert Emmett	Milwaukee, Wis.	William Fox
Fegan, George Robert	Chicago, Ill.	Faculty
Fernow, John Adolph William	St. Louis, Mo.	Faculty
Fessler, Elmer	Perry, Ia.	C. H. Churchill
Fiske, David	Chicago, Ill.	Faculty
Flynn, Joseph P.	Stillwater, Minn.	Alexius Hoffmann
Foley, Francis Patrick	Montello, Wis.	H. J. Pratt
Foster, John Harvey	Woodruff, Ind.	Faculty
Fowle, Frederick Filer, B.S.	So. Milwaukee, Wis.	Faculty
Friedman, Joseph C., Ph.B.	Chicago, Ill.	Faculty
Fricke, Frederick Henry	Park Ridge, Ill.	G. H. Fricke
Gagnon, Arthur Louis	Beaverville, Ill.	Faculty
Gatrell, Thomas John Nalson, M.D.	Oberlin, O.	Faculty
Gaumer, James Stewart, B.S.	Fairfield. Ia.	D. H. Stever
Gaul, Adolph Carl Adam	Chicago, Ill.	Rudolph Menn,
Gibson, Charles Gordon, B.S.	Chicago, Ill.	Faculty
Gillam, Arthur Caldwell, Ph.B.	Wooster, O.	Faculty
Gillies, Duncan Reid, V.S.	Neenah, Wis.	Faculty
Gillispie, Samuel Tilden, Ph.G.	Chicago, Ill.	W. B. Marcusson
Gish, Francis Jacob	Omaha, Neb.	Faculty
Graham, Ralph, A.B.	Monmouth, Ill.	F. E. Wallace
Green, Ralph Edison	Ft. Madison, Ia.	J. W. Philpott
Grosvenor, Wallace F., A.M., M.D.	Chicago, Ill.	Faculty
Goldstine, Mark T.	Chicago, Ill.	W. E. Hall
Gollmar, Arthur Howard, A.B.	Baraboo, Wis.	D. M. Kelly
Guertin, Joseph Achilles	St. Anne, Ill.	C. E. Triplett, Jr.
Hager, Daniel Simpson, M.D.	Chicago, Ill.	Dr. McLaughlin
Hardt, Harry Godfrey, Ph.G.	Chicago, Ill.	N. N. Hurst
Harding, George Winthrop, A.B.	Chicago, Ill.	Faculty
Hart, Sterling Perry	Auburn, Ill.	J. W. Hart
Hauslein, Charles Michael	Chicago, Ill.	M. Hauslein
Healy, William, Jr.	Chicago, Ill.	J. B. Herrick
Herbst, Robert Harry	Chicago, Ill.	O. S. Wescott
Hills, Henry Monroe, A.M.	Mt. Pleasant, Ia.	O. A. Geeseka
Hawkins, John Robert	Sioux Falls, S. Dak.	Faculty.
Hook, Merritt B.	Toolesboro, Ia.	E. I. Hook
Hopkins, Charles Babson	Mendota, Ill.	J. C. Corbus
Hopkins, Samuel Rice	Chicago, Ill.	Faculty
Hynes, William Rose	Chicago, Ill.	Faculty
Higgins, Otis C., M.D.	Lebanon, Ind.	H. N. Coons
Ide, Charles Edward	Milwaukee, Wis.	Faculty
Iden, Edgar Holmes	Leroy, Ill.	F. L. Wakefield
Jenkins, Charles Edwin, B.S.	Villisca, Ia.	J. H. Nicol, M.D.
Johnson, Fred Gordon	Oregon, Wis.	F. R. Salesbury
Johnson. Robert Bales	Norfolk, Neb.	Faculty
Jones, Howard Gwynfil, Ph.B.	Van Wert, O.	Faculty
Judd, Norman Watson	Chicago. Ill.	Faculty
Julien, William Floyd, B.S.	Delphi, Ind.	Faculty
Jungels, William Witry	Dubuque, Ia.	Faculty
Kayler, Robert C.	Naperville, Ill.	Guido Ranniger
Kelly, James W., M.D.	Kalamazoo, Mich.	Dr. Osborne
Killen, Vincent Rockwell	Chicago, Ill.	E. A. Weirs
Kirk, James Milton	Evanston, Ill.	E. H. Webster
Klebs, Henry	Chicago, Ill.	E. Klebs
Kleinpell, Henry Herman Ph.G.	Chicago, Ill.	W. C. Rohn
Kováts, Fred Carl	Milwaukee, Wis.	Edmund Kovats
Kleinman, Erwin Warner	Chicago, Ill.	J. H. Salisbury
Knapp, Ernest Francis, Ph.G.	Chicago, Ill.	Faculty
Langhorst, Fred Henry	Aurora, Ill.	Faculty
LaForce, Frank Edward, Ph.B.	Ottumwa, Ia.	D. A. La Force
Lawler. Edward Thomas	Cedar Rapids, Ia.	Johnson & King
Lenz, Joseph Alvin, Ph.G.	Dubuque, Ia	K. B. Westnedge
Leonard, Charles William	Dotyville, Wis.	J. P. Connell
Little, Palmer Jewett	Burlington, Ia.	G. B. Little
Loeb, Ludwig Mannheimer B.S.	Chicago, Ill.	Faculty
Loomis, Philip Albert	Chicago, Ill.	Faculty
Lynam, Thomas P.	Chicago, Ill.	Faculty
Macdonald, Charles	Oak Park, Ill	Dr. Lewis.
Major, John Chastine	Arrowsmith, Ill.	W. L. Horn
Maxon, Oscar Fritzallen, Jr.	Danville, Ill	Faculty
McCard, Harry Stanton, B.S.	Rockford, Ill.	Faculty
McConnell, Pascal Whitney	Spring Valley, Minn.	Faculty
McClure, George White	Washburn, Mo.	S. W. Chandler
McDaniel, Edwin Bruce, B.S.	Cedar Rapids, Ia.	Edwin Hamill
McGinnis, Philip Daniel	Odell, Ill.	J. J. McGrath
McHenry, Junius Hardin	Owensboro, Ky.	J. Hale
McLaughlin, George Leander, A.B.	Chicago, Ill.	C. E. Sceleth
McNaughton, George Palmer	Milwaukee, Wis.	Wilmot F. Miller
Meisenbach, George Washington	Wilbur, Neb.	P. F. Dodson
Michels, Robert Henry	Chicago, Ill.	Dr. Dornbusch
Mitchell, James M.	Pontiac, Ill.	Faculty
Miller, John Anthony, Ph.G.	Loda, Ill.	Charles A. Miller.
Morcom,, Harry Wicks	Tower, Minn	Faculty
Morgan Thomas Wynn	Dawson, Ill.	John McGinnis
Morris, Thomas Boyd, Ph.B.	Liberty, Ia.	W. M. Park
Moore, Lewis Anning	Kewanee, Ill.	Faculty

NAME	HOME	PRECEPTOR
Mount, Hubert Augustus	Concord, Mich.	Faculty
Mulroney, Charles H.	Chicago, Ill.	Faculty
Murray, Frederick Grey, A.M.	Cedar Rapids, Ia.	John A. Robison
Mullky, Carl	Knoxville, Ia.	C. E. Halloway
Nash, Edwin Nelson, M.D.	Oak Park, Ill.	T. E. Roberts, M.D.
Nelles, Howard William Hamilton	Simcoe, Ont.	Faculty
Newhouse, Omer Atherton	Green Castle, Ind.	I. M. Casebeer
Oggel, Herman Doesburg	Orange City, Ia.	A. Debey
Pfeiffer, Charles	Chicago, Ill.	O. Oldberg
Phelps, William Milton	Hastings, Neb.	W. H. Lynn.
Powers, Fred Harwood, Ph.G.	Chicago, Ill.	Faculty
Prentice, George Lee	Pleasantville, Ia.	W. H. Merritt
Patton, Charles James	Montreal, Can.	H. M. Patton
Proud, Willard Curtis, Ph.G., M.D.	Oregon, Mo.	J. K. Kearney
Porter, William Arthur, M.D.	Melvern, Kas.	James Ball
Ramsdell, Lewis Stanton	Manistee, Mich.	A. A. McClarty
Rathert, Edward Theodore	Marytown, Wis.	W. E. Minahan
Redner, Leo Robert	Bessemer, Mich.	Faculty
Reynolds, Hardin William	Bristol, Tenn	J. F. Hicks.
Richards, James Richard	Chicago, Ill.	Faculty
Richardson, Leon Franklin	Fairfax, Ia.	J. F. Richardson
Rider, Albert Sparr	Libertyville, Ia.	S. K. Davis
Riemens, Leonard Anthony Marinus	Holland, Mich.	Faculty
Rockefeller, LeRoy D.	Kewanee, Ill.	C. W. Hall
Rogers, George William, M.D.	Columbus, O.	L. D. Rogers
Rogoff, Herman Moses	Cleveland, O.	Faculty
Ross, James George, Ph.G.	London, Ont.	Faculty
Rowell, Lawrence Weldon, B.S.	Bloomington, Ill.	E. E. Mannum
Roehler, Henry Dedrick	Bloomingdale, Ill.	Faculty
Scanlan, Maurice	Lyons, Ia.	F. F. Batcheldor
Schultz, Walter Henry	Denison, Ia.	George Waterhouse
Schumacher, Diederick A., M.D.	Humbird, Wis.	G. L. Loope
Scott, Earnest Newton, Ph.G.	Osceola, Ia.	J. W. Holland
Scott, James Robert	Appleton, Wis.	J. V. Canavan
Scott, Harry Earl	Darlington, Wis.	Faculty
Senn, William Nicolas	Chicago, Ill.	Nicholas Senn
Shafer, John Walter	Morocco, Ind.	Faculty
Shaff, John Noble	Cisco, Ill.	M. Pattengill
Shellhorn, Bartlett L., M.D.	University Place, Neb.	A. J. Weaver,
Sheldon, Walter Hodge A.B., B.S.	Madison, Wis.	C. S. Sheldon
Shook, Frank James	Chicago, Ill.	J. N. Sharp
Shuart, Charles Day, B.S.	Kenosha, Wis.	Faculty
Shultz, Charles Ellis	Colfax, Ill.	J. T. Douglass
Sigworth, Frederick Byrns	Anamosa, Ia.	H. W. Sigworth
Simpson, Burton Jesse, B.S.	Moline, Ill.	Faculty
Simon, Benjamin Franklin	Wells, Minn.	Faculty
Sjoquist, John	Chicago, Ill.	Faculty
Smith, Arthur Dean	Eau Claire, Wis.	Faculty
Smith, Cecil Ephraim	Dawley, Eng.	J. H. Waite
Smith, John Edward	Deep River, Ia.	Faculty
Smith, Joseph Franklin	Valparaiso, Ind.	Faculty
Smith, Ralph Thaddeus	Valisca, Ia.	M. W. NcNaughton
Smeiding, George, B.S.	Racine, Wis.	G. W. Nott
Smetters, McCormick, M.D.	Chicago, Ill.	Faculty
Souder, Ralph Witt	Larwill, Ind.	C. Souder
Speirs, George Omar, B.L.	Hedrick, Ia.	Elmer F. Clapp
Stettauer, Joseph Lewis	Chicago, Ill.	Faculty
Stewart, Duncan Fraser	Chicago, Ill.	Robert Stewart
Stoll, Harry J.	Wooster, O.	J. H. Stoll
Stowell, Luther E.	Edelstein, Ill.	P. E. Toney
Stroup, Charles Clifton	La Grange, Ind.	W.H. and J.L. Short
Swedenburg, Francis Gustavus, Ph.G.	Maiden Rock, Wis.	Faculty
Tallman, Cameron Carpenter, B.S.	Fairfield, Ia.	Faculty
Thorsgaard, Carl Lorentz	Viroqua, Wis.	Faculty
Thayer, Lawrence Hanthorn, A.B.	Lima, O.	Faculty
Timerman, Harris Eugene	Denver, Col.	A. R. Timerman
Titus, Jerome Hill	Montevideo, Minn.	Joseph B. Bacon
Tolman, Everett Elmer	Chicago, Ill.	Nicolas Senn
Tuite, John Edward	Rockford, Ill.	F. H. Kimball
Tyndale, William Robert, A.B.	Weston, Ia.	Faculty
Van Gilder, Dell William	Chicago, Ill.	Faculty
Vernon, Harry Scott	Chicago, Ill.	A. H. Champlin
Wells, William Burdick, A.B.	Milton, Wis.	Faculty
Wakefield, Edwin Foster, Ph.B.	Hiram, O.	Dr. H. M. Page
Wallace, John Clifford, M.D.	Fort Wayne, Ind.	Faculty
Walker, William Henry	Utica, Neb.	Faculty
Washburn, Ira Miller, B.S.	Chicago, Ill.	S. M. Coulter
Watson, Halford A., B.S.	New York, N. Y.	C. G. Davis
Wells, Lorenzo D.	Pataskala, O.	James Lisle
Wells, Roy Sumner	Butte, Mont.	H. G. Wells
White, Herman Alexander	Chicago, Ill.	Frank Billings
White, Justus Vanculen	Jerseyville, Ill.	J. B. Hamilton
Wilcox, Frank Leslie	Albert Lea, Minn.	H. H. Wilcox
Wilcox, William Sheldon	Weyauwega, Wis.	E. H. Jones
Williams, Alexander John, B. S.	Racine, Wis.	G. W. Nott
Williams, Robert, A.B.	Carthage, Ill.	Faculty
Willis, George Harcourt	Chicago, Ill.	Faculty
Woods, Charles Samuel	Farmersburg, Ind.	Faculty
Young, Oscar A.	Cedar Rapids, Ia.	Faculty
Young, Russell M.	Red Oak, Ia.	Faculty
Zerzan, George Frank, Ph.G.	Schuyler, Neb.	P. Cavanogh

SUMMARY

Freshman Class	194
Sophomore Class	228
Junior Class	219
Senior Class	247
Post Graduates and Specials	205
Total	1093

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CIRCULAR OF INFORMATION

WINTER AND SPRING
QUARTERS 1901

RUSH MEDICAL COLLEGE

IN AFFILIATION WITH

THE UNIVERSITY OF CHICAGO

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CHICAGO
The University of Chicago Press
1901

CALENDAR FOR 1901

Jan. 1, Tuesday	New Year's Day—a holiday, Winter Quarter begins.
Feb. 11, Monday	Second Term of Winter Quarter begins.
Feb. 12, Tuesday	Lincoln's Birthday—a holiday.
Feb. 22, Friday	Washington's Birthday—a holiday.
March 15, 16, 18, and 19 Friday, Saturday, Monday, Tuesday	Examinations for Admission.
March 21, 22, and 23 Thursday, Friday, Saturday	Quarterly Examinations.
March 23, Saturday	Winter Quarter ends.
March 23–31	Quarterly Recess.
April 1, Monday	Spring Quarter begins.
May 13, Monday	Second Term of Spring Quarter begins.
May 30, Thursday	Decoration Day—a holiday.
June 17, 18, and 19 Monday, Tuesday, Wednesday	Quarterly Examinations.
June 19, Wednesday	Special Clinics for the Alumni Association.
June 20, Thursday	Annual Scientific Meeting of the Alumni Association.
	Annual Business Meeting of the Alumni Association.
June 21, Friday, 10:00 A.M.	Special Clinics; Exercises in the Laboratory Building.
2:00 P.M.	Graduating Exercises.
7:00 P.M.	Annual Reception and Dinner of the Faculty and Alumni.
	Spring Quarter ends.

REGISTRATION

No student will be registered for the Winter Quarter after Saturday, January 5; nor for the Spring Quarter after Thursday, April 4. A student must be in actual attendance on or before the dates given in order to register and receive credit for the work of the Quarter.

FEES

Announcement is made by the Board of Trustees that the tuition-fee will be $52.50 for each quarter, payable by students entering Rush Medical College for the first time at the beginning of the Summer Quarter of 1901. The same fee will be charged for tuition in successive quarters until further notice is given of change of fees.

SUMMARY OF COURSES OFFERED DURING THE WINTER AND SPRING QUARTERS 1901

I. DEPARTMENT OF ANATOMY

OFFICERS OF INSTRUCTION

PROFESSOR LEWELLYS FRANKLIN BARKER
ASSISTANT PROFESSOR EDWIN RAYMOND LECOUNT
INSTRUCTORS CHARLES AUBREY PARKER, THOMAS ALBERT OLNEY, DONALD JOHN ARMOUR
ASSOCIATE PRESTON KYES
ASSISTANTS DEAN D. LEWIS, FREDERIC J. WAITE

INTRODUCTORY

Anatomy, gross and microscopic, including also embryology and histology, are taught by means of lectures and conferences, recitations, demonstrations, and by practical work in the laboratories of osteology, practical anatomy, histology, and embryology. The lectures are illustrated by charts, models, wet and dry specimens, by recent dissections of the human body, and by the living model. The laboratory of osteology, on the fourth floor of the Clinical Building, contains a large collection of vertebrate skeletons of the lower animals, and several hundred human skeletons. A human skeleton is loaned to each student without charge, excepting a deposit to insure its careful use and safe return.

The laboratory of practical anatomy, occupying the fifth floor of the Laboratory Building, comprises nine well-lighted rooms. An abundance of material is provided. The laboratories of histology, microscopic anatomy, and embryology, on the second floor of the Laboratory Building, are provided with microscopes, microtomes, and other necessary appliances for the technique of microtomy. Each student is expected to supply his own slides, covers, slide-boxes, cards for drawing, and a section-mounting case.

Opportunities will be afforded, by special arrangement, to a limited number of students and physicians who are qualified to undertake it, for advanced work and original investigation.

COURSES OF INSTRUCTION

FRESHMAN YEAR

2. **Arthrology and Myology.**—A course in the descriptive anatomy of the joints and muscles, by lectures, demonstrations, and recitations.
   Mon., 9:00; Tues., Thurs., Sat., 8:00.
   Winter Quarter, 1901. .8Mj.
   Lectures: DR. ARMOUR.
   Laboratory Work:
   DRS. PARKER, OLNEY, ARMOUR, KYES.

3. **Angiology and Elementary Splanchnology.**—A course in the anatomy of the blood-vessels and the viscera of the trunk, by means of lectures, recitations, and demonstrations.
   Mon., 9:00; Tues., Thurs., Sat., 8:00.
   Spring Quarter, 1901. .8Mj.
   Lectures: PROFESSOR BARKER.
   Laboratory work:
   DRS. PARKER, OLNEY, ARMOUR, KYES.

4. **Practical Anatomy.**—A course in the dissection of the human body.
   Daily, except Saturday, from 8:00–5:00.
   First Term, Winter Quarter, 1901. D.M.
   First Term, Spring Quarter, 1901.
   PROFESSOR BARKER AND DRS. PARKER, OLNEY, ARMOUR, KYES, LEWIS.

5. **Histology and Microscopic Anatomy.**—A laboratory demonstration and conference course, given to the class in sections.
   Daily, except Monday, 10:00–12:00.
   Tues., Fri., 1:00–2:00.
   First Term, Spring Quarter, 1901. M.
   PROFESSOR BARKER, ASSISTANT PROF. LECOUNT, AND DR. WAITE.

SOPHOMORE YEAR

7. **Practical Anatomy.**—A course in the dissection of the human body.
Daily, except Saturday, 8 : 00–5 : 00.
Second Term, Winter Quarter, 1901. DM.
PROFESSOR BARKER AND DRS. PARKER, OLNEY, ARMOUR, KYES, LEWIS.

8. **Advanced Splanchnology.**—A lecture, conference, demonstration, and recitation course in the anatomy of the viscera.
Mon., 10 : 00 ; Wed., Fri., 8:00–10 : 00.
Mon., Wed., Fri.. 11 : 00.
Winter Quarter, 1901. Mj.
Lectures : DR. KYES.
Laboratory work :
PROFESSOR BARKER AND DRS. PARKER, OLNEY, ARMOUR, KYES.

9. **Embryology.**— A lecture, conference, laboratory, and recitation course.
Mon., 10 : 00.
Mon., Wed., Fri., 11 : 00.
Laboratory daily, 8 : 00–10 : 00 (one Term only).
Spring Quarter, 1901. Mj.
Lectures : DR. [illegible].
Laboratory work :
DRS. PARKER, OLNEY, ARMOUR, WAITE.

JUNIOR YEAR

10. **Surgical Anatomy.** — A lecture and demonstration course on anatomy as applied to surgery. (*Elective.*)
Mon., Sat., 11 : 00.
Winter and Spring Quarters, 1901. .4Mj.
ASSOCIATE PROFESSOR BEVAN.

This course is also elective for senior students.

11. **Research Work** (*Elective*).—Advanced work and original investigation may be taken by a limited number of students and physicians who have the requisite preliminary training, in any of the subjects dealt with in the Department of Anatomy. Professor Barker should be consulted by those desiring to take such a course. Hours will be assigned for the course to suit the convenience of those taking it, and credit will be given for the work done, according to its amount and character, of the value, for each quarter, of from 1 to 3 Mj.

II. DEPARTMENT OF PHYSIOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR JACQUES LOEB
ASSISTANT PROFESSORS B. McPHERSON LINNELL AND ELIAS P. LYON
INSTRUCTOR D. J. LINGLE

INTRODUCTORY

The Laboratory of Physiology, on the first floor of the Laboratory Building, is supplied with the necessary apparatus for the fundamental experiments in physiology.

For the recitation the text-books used for the session of 1900–1901 will be : For the Freshman Class, Stewart's *Manual of Physiology*, fourth edition ; for the Sophomore Class, *The American Text-Book of Physiology*.

COURSES OF INSTRUCTION

FRESHMAN YEAR

2. **Physiology of the Central Nervous System, and of the Sense Organs.**
Lectures : Tues., Thurs., 8 : 00 ; Sat., 9 : 00.
ASSISTANT PROF. LYON.
Recitation : Fri., 8 : 00.
ASSISTANT PROFS. LINNELL AND LYON.
Laboratory exercises : Mon., Tues., Wed., 10 : 00–12 : 00. (One exercise weekly for each section.)
Winter Quarter, 1901. Mj.
ASSISTANT PROF. LINNELL.

3. **Respiration, Animal Heat, Digestion, Absorption, Excretion.**
Lectures : Mon., Wed., 8 : 00 ; Sat., 9 : 00.
ASSISTANT PROF. LYON.
Recitation : Fri., 8 : 00.
ASSISTANT PROFS. LINNELL AND LYON.
Laboratory exercises : Mon., Tues., Wed., 10 : 00–12 : 00. (One exercise weekly for each section.)
Spring Quarter, 1901. Mj.
ASSISTANT PROF. LINNELL.

SOPHOMORE YEAR

4. **The Physiology of the Central Nervous System and of the Sense Organs.**

Lectures: Tues., Thurs., Fri., 10:00.
ASSISTANT PROF. LYON.

Recitation: Sat., 10:00.
ASSISTANT PROFS. LINNELL AND LYON.

Laboratory exercises: Mon. Tues., Wed., Thurs., Fri., 8:00–10:00. (One exercise weekly for each section.) Winter Quarter, 1901. Mj.
ASSISTANT PROF. LINNELL AND DR. LINGLE.

5. **The Physiology of Protoplasm,** comprising the Physiology of the Cell, the Theories of Fermentation, Irritability, the application of Physical Chemistry to Biological Problems, the Physiology of Regeneration and Embryonic Development.

Lectures: Tues., Thurs., 11:00; Wed., 10:00.
PROFESSOR LOEB.

Recitation: Sat., 11:00.
Spring Quarter, 1901. Mj.
ASSISTANT PROFS. LINNELL AND LYON.

III. DEPARTMENT OF CHEMISTRY

OFFICERS OF INSTRUCTION

PROFESSOR WALTER S. HAINES
ASSISTANT PROFESSORS JEROME H. SALISBURY, JACOB ALLEN PATTON
ASSISTANTS RALPH W. WEBSTER, ERNEST L. MCEWEN, AND OSCAR T. ROBERG
FELLOW CHARLES SAMUEL WOODS

INTRODUCTORY

One year of general chemistry, such as is given by the better grade of high schools, is required for admission.

Instruction in chemistry is given during the first two years of the college course. Inorganic and general organic chemistry are completed in the Freshman year; and toxicology, urinalysis, and other parts of medical chemistry are studied in the Sophomore year.

The instruction is given by lectures suitably illustrated with experiments, recitations in small sections from a text-book, and practical laboratory work. Throughout the entire course especial attention is given to topics of medical importance.

The chemical laboratory occupies the third floor of the laboratory building and is completely equipped for both elementary and advanced work. Each student is given a separate desk, supplied with gas and water, and is furnished with all necessary chemicals and apparatus. Preceding or following a large number of the laboratory exercises, a conference is held in one of the lecture rooms between the class and one of the professors in which questions are asked concerning the work done and explanations given.

Students entering the Freshman class who have had not less than a year's practical and didactic instruction in chemistry (including general organic chemistry) in a high grade college or university, may be exempted from the work in Freshman chemistry upon presenting a satisfactory credential of this previous study and passing an examination. The examination will be devoted in a considerable degree to subjects of medical importance and will include the elements of qualitative analysis.

Students entering the Sophomore class, who have received not less than two years of practical and didactic instruction in chemistry (including organic chemistry, urinalysis, and toxicology) in a high grade college of pharmacy, dentistry, or veterinary surgery, may be exempted from the course in Sophomore chemistry upon presenting a satisfactory credential of previous study, and passing an examination. The examination will be devoted largely to subjects of medical interest.

COURSES OF INSTRUCTION

FRESHMAN YEAR

2. **The Chemistry of the Metallic Elements.**

Lectures: Wed., Thurs., 9:00.
PROFESSOR HAINES AND ASSISTANT PROF. PATTON.

Recitations: Tues., Fri., 9:00.
ASSISTANT PROF. PATTON,
DRS. ROBERG AND WOODS.

Laboratory: Daily except Saturday, 1:00–5:00; Second Term.
Two sections alternating.
PROFESSOR HAINES, ASSISTANT PROF. SALISBURY.
DRS. ROBERG AND WOODS.
Winter Quarter, 1900. 1.4Mj.

3. **Organic Chemistry.**

Lectures: Wed., Thurs., 9:00.
PROFESSOR HAINES.

Recitations: Tues., Fri., 9:00.
ASSISTANT PROF. PATTON,
DR. WOODS.

Laboratory: Daily except Saturday, 10:00–5:00; First half of Second Term. Two sections alternating. PROFESSOR HAINES, ASSISTANT PROF. SALISBURY, DR. WOODS.
Spring Quarter, 1901. Mj.

SOPHOMORE YEAR

Prerequisite: *1, 2, and 3, or their equivalent.*

5. **Medical Chemistry**—Urinalysis, etc.
Lectures: Thur., Fri., Sat., 10:00.
PROFESSOR HAINES.
Recitation: Tues., 10:00.
ASSISTANT PROF. PATTON, DRS. WEBSTER AND WOODS.
Spring Quarter, 1901. .8Mj.

6. **Toxicology and Medical Chemistry.**—A laboratory course.
Daily except Saturday, 1:00–5:00.
PROFESSOR HAINES, ASSISTANT PROF. SALISBURY, DRS. ROBERG AND WOODS.
First Term, Winter Quarter, 1901.
First Term, Spring Quarter, 1901. DM.

IV. DEPARTMENT OF MATERIA MEDICA AND PHARMACOLOGY

OFFICERS OF INSTRUCTION
1900—1901

ASSISTANT PROFESSOR JACOB ALLEN PATTON
ASSOCIATES CHARLES A. WADE, FRED D. HOLLENBECK
ASSISTANTS WILLIAM B. SPRAGUE, ERNEST L. MCEWEN, AND JOHN G. SHELDON
FELLOW CHARLES E. SHULTZ

INTRODUCTORY

Students entering the Sophomore class, who have received as many hours of didactic instruction in materia medica in a high grade college of pharmacy, dentistry, or veterinary surgery, or in a preparatory medical course as is required in this institution, may be exempted from the didactic course in materia medica upon presenting a satisfactory credential of the previous work done and passing an examination, in which special attention will be given to the physiological action of drugs.

Students entering the Sophomore or higher classes, who have had previous work equivalent to that of the materia medica laboratory course, will be given credit for it upon presenting a satisfactory credential.

COURSES OF INSTRUCTION

SOPHOMORE YEAR.

2. **Materia Medica.**—A lecture and recitation course, comprising the study of coca and cocaïne, digitalis group, aconite group, cactus group, ipecac group, antiperiodics, vegetable purgatives, volatile oils, vegetable bitters, vegetable astringents, demulcents, parasiticides, diuretics, drugs acting on the uterus, colchicum, stearoptens, flavoring and coloring agents, vegetable drugs of mechanical action, organic animal preparations.
Lectures: Wed., 10:00: Sat., 11:00.
ASSISTANT PROF. PATTON.
Recitations: Tues., Thurs., 11:00.
DRS. WADE, HOLLENBECK, SPRAGUE, MCEWEN, SHELDON, SHULTZ.
Winter Quarter 1901. .8Mj.

3. **Materia Medica. Laboratory.**—This is given to the class in small sections in the Meteria Medica Laboratory on the fourth floor of the Laboratory Building. This work consists in the examination of all the important drugs, the making of simple pharmaceutical preparations, in the compounding of prescriptions, and in pharmacodynamics. The laboratory is supplied with an abundance of apparatus for making tinctures, fluid extracts, infusions, syrups, etc. There are 120 separate lockers fitted with all necessary apparatus for the work assigned the students, and desk room for 60 students to work at once. The class is made familiar with the physical properties and the physiological and toxicological effects of crude drugs and their finished preparations. Special attention is given to chemical, physical, and pharmaceutical properties; practice in making the ordinary

official preparations; and in the compounding of prescriptions. The text-book used is *Laboratory Work in Materia Medica and Therapeutics.*

This course occupies ten hours weekly for one Term.
Each Term, Winter Quarter, 1901.
Fisrst Term, Spring Quarter, 1901.
Mon., Fri., 8:00–10:00. M.
ASSISTANT PROF. PATTON, DRS. WADE, HOLLENBECK, SPRAGUE, MCEWEN, SHELDON, SHULTZ.

JUNIOR AND SENIOR YEARS.

5. **Principles of Prescribing.**— A lecture and conference course, occupying two hours weekly for one term, on the principles of prescription-writing, during which the following topics are considered, viz.: general form and subdivisions of a complete prescription, apothecary and metric systems of weights and measures, prescribing solids and liquids of all kinds.

The preparations of the following are used for the purpose of illustration: acetanilide-group, aconite-group, arsenic, belladonna-group, cathartics, cinchona, coca, digitalis group, diuretics, ergot, iodine, iron, mercury, nux vomica, opium, salicylic acid, etc.

Classes are limited to twenty-four. — Each Term throughout the year. Tues., Thurs., 10:00. .4M.
DRS. WADE, HOLLENBECK, MCEWEN.
Prerequisite: *Courses 1, 2, and 3.*

6. **Pharmacodynamics.**—A laboratory and conference course on the physiological action of drugs, given in the Materia Medica Laboratory, to small sections of the class, during which the students will perform the experiments under the personal charge of an instructor. The course occupies four laboratory and one conference hour weekly for one Term.

Second Term, Spring Quarter, 1901.
Laboratory: Mon., Wed., 10:00–12:00.
Conference: Fri., 10:00–11:00. .6M.
ASSISTANT PROF. PATTON,
DRS. SHELDON AND SHULTZ.
Prerequisite: *Courses 1, 2, and 3.*

7. **Pharmacology.**—A lecture course on the physiological and toxic effects of some of the important drugs on the human system.

Spring Quarter, 1901. Tues., Thurs., 8:00. .4Mj.
ASSISTANT PROF. PATTON.

V. DEPARTMENT OF THERAPEUTICS AND PREVENTIVE MEDICINE

OFFICERS OF INSTRUCTION

INGALS PROFESSOR HENRY BAIRD FAVILL
INSTRUCTORS JAMES C. GILL, GEORGE W. HALL, GEORGE F. ZAUN
ASSOCIATE FRED D. HOLLENBECK
ASSISTANTS WILLIAM B. SPRAGUE, HUGO AD OLDENBERG

INTRODUCTORY

The department will give to the Juniors a full course in the subjects of general therapeutics, together with a discussion of all therapeutic resources and a laboratory training in manipulative methods.

The instruction, so far as possible, will be coördinated with the instruction in special therapeutics as taught in the department of practice, to the end that repetition and conflict as far as possible may be eliminated.

The lectures and conferences will be given in conjunction.

It is desired to emphasize the physiologic and hygienic aspects of the subject, for which reason no independent course in hygiene will be given.

In immediate sequence with the Junior work, a course on Preventive Medicine will be given the Seniors in the Autumn Quarter.

In this course will be discussed the origin and extension of diseases and morbid processes in relation to avoidance.

COURSES OF INSTRUCTION

JUNIOR YEAR

Course 1. Therapeutics.—A lecture and conference course.
Tues., Thurs., Sat., 8:00.
Winter Quarter, 1901. .6Mj.
PROFESSOR FAVILL, DRS. GILL, HALL, ZAUN.

Course 2. Therapeutics.—A lecture and conference course in continuation of Course 1.
Thurs., Fri., Sat., 8:00.
Spring Quarter, 1901: .6Mj.
PROFESSOR FAVILL, DRS. GILL, HALL, ZAUN.

Course 3. Practical Therapeutics.—A laboratory and practical course in Massage, Hydrotherapy, Aërotheraphy, and special manipulations, given to the class in sections.
Tues., Wed., Thurs., Frid., 4:00–6:00.
Winter and Spring Quarters, 1901. .4M.
Drs. Gill, Hall, Zaun, Sprauge, Hallenbeck, and Mr. Oldenberg.
Each section will be given about twenty-four hours.

Senior Year

Course 4. Prescription-Writing.—A didactic and conference course in the art of prescription-writing. Given to the class in small sections. Hours to be announced.
Autumn Quarter, 1900. Spring Quarter, 1901. Each section twelve hours. .4M.

VI. DEPARTMENT OF PATHOLOGY

OFFICERS OF INSTRUCTION

1900–1901

Professor LUDVIG HEKTOEN
Assistant Professors GEORGE H. WEAVER, E. R. LeCOUNT
Assistants ERNEST F. KNAPP, ISIDORE B. DIAMOND, H. GIDEON WELLS
Fellows H. GIDEON WELLS, THEODORE TIEKEN

INTRODUCTORY

The Pathological Laboratory possesses seventy-six Leitz and Zeiss microscopes, each with three or two objectives and substage apparatus, about sixteen microtomes, and all other necessary equipment for pathological and bacteriological work; abundant and properly lighted desk-room with lockers are also provided. The Laboratory has a good musem for teaching purposes, supplemented with a fairly ample special library containing complete files of the important serials. There are sufficient material and apparatus for advanced work and special research. Adjacent hospitals furnish abundant material.

COURSES OF INSTRUCTION

Freshman Year

1. **General Bacteriology.**—The student is made practically familiar with the essentials of bacteriological technique and engages in a systematic study of a number of saprophytic and of the more important pathogenic bacteria.
Repeated each Term, each Quarter; 10:00–12:00 daily except Tuesday. M.
Assistant Professor Weaver and Dr. Wells.

Sophomore Year

2. **General Pathology and Pathological Anatomy.** A practical laboratory course is given in general pathologic histology, supplemented by experiments, by demonstrations of lantern slides, and of fresh and museum specimens, by reciations in general pathology, and by special lectures. Practical instruction is given in the methods of making *post-mortem* examinations, and of properly recording the results.
Each Quarter daily except Sat., 1:00–5:00.
Winter Quarter, 1901.
Professor Hektoen, Assistant Professor LeCount, Dr. Tieken
Spring Quarter, 1900.
Professor Hektoen, Drs. Wells and Diamond.
Prerequisite: *Histology and Bacteriology.* DMj.

Junior and Senior Years

3. **Pathological Anatomy.**—A lecture and demonstration-course.
Mon., Wed., Fri., 4:00.
Winter Quarter, 1901. .6Mj.
Professor Hektoen.

4. **The Histology and Microscopic Diagnosis of Tumors.**
Second Term, Winter Quarter, 1901; daily, except Saturday, 3:00–5:00. DM.
Assistant Professor LeCount.

5. **The Common Infectious Diseases.** — The Bacteriology, Pathological Anatomy, and Histology, as well as the important literature of some of the more frequent infectious diseases.
First Term, Spring Quarter, 1901. Daily, except Saturday, 3:00–5:00. DM.
Assistant Professor Weaver.

6. **Advanced Laboratory Work and Research in Pathology.**—Open to a limited number of specially qualified students and graduates in medicine.
Hours to be arranged for each student.
Each Quarter, 1900–1901. DMj. or DM.
Professor Hektoen.

8. **Practical Bacteriology.**—A course in Practical Bacteriology, including the methods of animal inoculation, the bacteriological study of dead animals and tissues by culture and staining methods, the bacteriological examination of water, etc. It is the purpose of this course to furnish additional work in systematic bacteriology to those who have aompleted Courses 1 and 2.

Daily, 3:00–5:00.

First Term, Winter Quarter, 1901. M.

Assistant Professor Weaver.

9. **Clinical Pathology.**—A course designed for graduates in medicine and for senior students for purposes of review. It will include the microscopic examination of tumors, uterine scrapings, tuberculosis, actinomycosis, trichinosis, blastomycosis, etc.; the examination of blood, urine and pus; the preparation of nutrient media, and the systematic study of a few nonpathogenic and of the more important pathogenic bacteria, with the methods for the detection of the tubercle-bacillus, diptheria-bacillus, gonococcus, etc.

First and Second Term, Spring Quarter, 1901; Daily, 8:00–12:00. DM.

Assistant Profs. Weaver and LeCount.

10. **Pathological Chemistry.**—The Physics and Chemistry of Pathological Processes. Open to a limited number of specially qualified students who have completed Chemistry, Physiology, and Pathology. Instruction given by conferences, reading, preparation of papers, experiments, and laboratory research work.

Second Term, Winter Quarter, 1901. Hours to be announced. Dr. Wells.

VII. DEPARTMENT OF MEDICINE

OFFICERS OF INSTRUCTION

Professors FRANK BILLINGS, HENRY M. LYMAN, DANIEL R. BROWER, JOHN M. DODSON
Associate Professors ALFRED C. COTTON, JAMES B. HERRICK
Assistant Professors JOHN A. ROBISON, HAROLD N. MOYER, BERTRAM W. SIPPY
Instructors S. R. SLAYMAKER, JOSEPH. A. CAPPS, WILLIAM J. BUTLER, F. S. CHURCHILL
Associates CHARLES A. WADE, J. W. VANDERSLICE, THOMAS R. CROWDER, JAMES A. HARVEY
Clinical Assistants in the Dispensary, Drs. SALISBURY, HARVEY, MELOY, STEFFENSON, McCURDY, MERRILL
Fellow ALEXANDER F. STEVENSON

At the West Side Hebrew Dispensary

Assistant Clinical Professor ISAAC ABT
Assistant Clinical Professor ROSA ENGELMAN
Assistant Clinical Professor SYDNEY KUH

COURSES OF INSTRUCTION

Junion Year

Course 4.—Diseases of the Kidney, the Blood, and Vascular System; and Infectious Diseases. A recitation and conference course.

Mon., Wed., Fri., 9:00.

Winter Quarter, 1901. .6Mj.

Drs. Slaymaker, Crowder, Harvey.

Course 5.—Diseases of the Nervous System and General Diseases. Recitation and Conference course.

Mon., Wed., Fri., 9:00.

Spring Quarter, 1901. .6Mj.

Drs. Slaymaker, Capps, Harvey.

Any recent standard text-book on the Practice of Medicine may be used for Courses 2, 3, 4, and 5.

Course 6.—A Clinical Course in the Central Free Dispensary.

Daily, 10:00–12:00.

In sections, one month for each section.

Winter and Spring Quarters, 1901. 1.2M.

Senior Year

Course 13.—Diseases of the Intestinal Tract. A lecture and clinical course.

Wed., Fri., 9:00.

Mon., Thurs., 10:00–12:00.

First Term, Spring Quarter, 1901. .8M.

Professor Billings.

Course 14.—Diseases of the Brain.—A lecture and clinical course.

Wed., Sat., 9:00, Mon., 10:00–12:00.

Second Term, Winter Quarter, 1901. .6M.

PROFESSOR BROWER.

Course 15.—Diseases of the Stomach. A lecture and clinical course.

Mon., 9:00, Thurs., 10:00–12:00.

Second Term, Winter Quarter, 1901. .4M.

ASSISTANT PROF. ROBISON.

Course 16.—Diseases of the Respiratory Tract. Infancy and Childhood. A lecture and clinical course.

Mon., 9:00, Fri., 8:00 (First Term only), Fri., 10:00–12:00 (throughout the Quarter), Winter Quarter, 1901. .8M.

ASSOCIATE PROF. COTTON.

Course 17.—Diseases of the Kidney and Vascular System. A lecture and clinical course.

Wed., Fri., 9:00, Mon., Thurs., 10:00–12:00.

First Term, Winter Quarter, 1901. .8M.

ASSISTANT PROF. SIPPY.

Course 18.—Mental and Nervous Diseases. A lecture and clinical course.

Wed., Fri, 9:00.

Second Term, Spring Quarter, 1901. .4M.

PROFESSOR BROWER.

Course 19.—The Nervous Diseases of Infancy and Childhood. A clinical and lecture course.

Tues., Thurs., 9:00 (First Term only), Fri., 10:00–12:00 (throughout the Term).

Spring Quarter, 1901. .8M.

PROFESSOR DODSON.

Course 20.—Diseases of Muscles and Peripheral Nerves. A lecture and clinical course.

Mon., 9:00, Thurs., 10:00–12:00.

Second Term, Spring Quarter, 1901. .4M.

ASSISTANT PROF. MOYER.

Course 21.—General Medicine. A clinical course at Cook County Hospital.

Tues., Sat., 10:00–12:00 throughout the year. .4Mj.

PROFESSOR BILLINGS, ASSOCIATE PROF. HERRICK.

Course 22.—Mental and Nervous Diseases. A clinical course at Cook County Hospital.

Fri., 4:00–6:00 throughout the year.

Each Quarter. .2Mj.

PROFESSOR BROWER.

Course 23.—Cook County Hospital Ward Clinics, in Sections. (*Elective.*) Students in sections of from six to eight are taken into the medical wards of the hospital, and are required to examine cases and to discuss them before the class.

Hours to be announced later. .4M.

PROFESSOR DODSON, ASSISTANT PROF. SIPPY. DRS. SLAYMAKER, CHURCHILL, CAPPS, CROWDER, TIEKEN.

Course 24.—Haematology. A laboratory and clinical course in the study of the blood and its pathological and clinical significance.

Tues., Wed., Fri., Sat., 10:00–12:00.

Winter and Spring Quarters, 1901. .4M.

DRS. CAPPS, CROWDER, AND STEVENSON.

Course 25.—Seminar in Classics of Medical Literature.

Spring Quarter. ASSOCIATE PROF. HERRICK.

In this course classic contributions to medical literature will be studied by means of reading, essay-writing, conference, and discussion. The number of students taking this course will be limited to twelve.

For 1901 the subjects taken up will be:

1. Laennec on Diseases of the Chest, selected chapters.
2. Addison on Diseases of the Suprarenal Capsule.
3. Report of the London Clinical Society on Myxoedema.
4. Koch on the Bacillus of Tuberculosis.
5. Selections from Trousseau's Clinical Medicine.
6. Gerhard on Typhoid Fever.

Copies of these works in English will be found in the Rush Library.

Spring Quarter. Hours to be announced. .4M.

ASSOCIATE PROF. HERRICK.

Course 27*a*.—A course in Clinical Pediatrics at the West Side Hebrew Dispensary, Mon. and Thurs., 4:00–6:00, throughout the year. Each section one Term. .4M.

DR. ISAAC ABT.

Course 27*b*.—Course in Clinical Pediatrics at West Side Hebrew Dispensary. Wed. and Sat., 2:00 to 4:00, throughout the year, each section one Term. .4M.

DR. ROSA ENGELMAN.

Course 27*c*.—Course in Clinical Neurology, West Side Hebrew Dispensary. Wed. and Sat., 4:00 to 6:00, throughout the year, each section one Term. .4M.

DR. SIDNEY KUH.

Course 28.—A Course in Clinical Medicine at Cook County Hospital, Thurs., 7:00–8:00, throughout the year, throughout each Quarter. .4M.

ASSISTANT PROF. SIPPY.

Clinical Courses will be offered in some of the outlying hospitals, by members of the several attending staffs, for which credit will be allowed. Detailed statement of these courses will be announced later.

VIII. DEPARTMENT OF SURGERY

OFFICERS OF INSTRUCTION

PROFESSOR NICHOLAS SENN
PROFESSOR CHRISTIAN FENGER
ASSOCIATE PROFESSOR ARTHUR DEAN BEVAN
ASSOCIATE PROFESSOR WM. T. BELFIELD
ASSOCIATE PROFESSOR IN DENTAL SURGERY TRUMAN W. BROPHY
ASSOCIATE CLINICAL PROFESSOR D. W. GRAHAM
ASSISTANT PROFESSORS ALBERT I. BOUFFLEUR, FREDERIC S. COOLIDGE
INSTRUCTORS EMANUEL JOHN SENN, CHARLES A. PARKER
ASSOCIATES F. W. JAY, ERNEST J. MELLISH, ALBERT B. KEYES
ASSISTANTS DRS. DOEPFNER, DONLON, FRIEND, STRAND, RYERSON

COURSES OF INSTRUCTION

JUNIOR YEAR

2. **Recitation and Conference Course.**
Mon., Wed., Fri., 8:00, Thurs., 9:00.
Winter Quarter, 1901. .8Mj.
DRS. KEYES, JAY, MELLISH, DOEPFNER, FRIEND, DONLON, RYERSON.

3. **Practice of Surgery.**—Recitation and conference course.
Mon., Wed., 8:00, Fri., 9:00.
Spring Quarter, 1901. .6Mj.
DRS. KEYES, JAY, MELLISH, DOEPFNER, FRIEND, DONLON, RYERSON.

4. **Demonstration Course in Bandaging.**—A practical course in bandaging.
Mon., Tues., Wed., 3:00.–5:00.
Six weeks for each section; throughout each Quarter. .4M.
DR. PARKER.

5. **Clinical Surgery, Central Free Dispensary.**
Mon., Tues., Wed., Thurs., Fri., 1:00–3:00.
Throughout the year; one month for each section. M.
ASSISTANT PROF. COOLIDGE, DRS. COLBY AND DOANE.

SENIOR YEAR

7. **Lectures on Surgery.**—By ASSOCIATE PROF. BEVAN.
Mon., Wed., 8:00.
Winter Quarter, 1901. .4Mj.

8. **Lectures on Surgery.**—By ASSOCIATE PROF. BEVAN.
Mon., Wed., 8:00.
Spring Quarter, 1901. .4Mj.

10. **A Practical Course in Operative Surgery** on the cadaver and in surgical appliances, given to the class in sections. .6M.
Tues., Thurs., Fri., 4:00–6:00.
Repeated each Term of the Autumn and Winter Quarters and the First Term of the Spring Quarter.
Operative Surgery, ASSISTANT PROF. BOUFFLEUR.
Surgical Appliances and Bandaging, ASSISTANT PROF COOLIDGE.

11. **College Clinics.**—By PROFESSOR SENN.
Tues., Thurs., 2:00–4:00; .8Mj.
By PROFESSOR FENGER: Wed., 4:00–6:00; Sat., 3:00–4:00. Throughout the year.

12. **Presbyterian Hospital Clinic.**—By ASSOCIATE PROF. BEVAN.
Mon., Wed., Fri., 10:00–12:00 A.M. Throughout the year. .4M.
Tues., Thurs., Sat., 10:00–12:00 A.M.
ASSOCIATE CLINICAL PROF. GRAHAM.

13. **Clinic at Cook County Hospital.**
Thurs., 8:00–10:00 P. M. Throughout the year.
Each Quarter. .2Mj.
ASSISTANT PROF. BOUFFLEUR.

14. **Ward Clinics in the County Hospital.**
Tues., Fri., 9:00. Throughout the year.
Given to the class in sections of from six to eight students. Each section will be given about twelve hours' work. .2M.
DRS. MOOREHEAD AND DONLON.

15. **Dental Surgery.**—A lecture by ASSOCIATE PROF. BROPHY.
Mon., Wed., Thurs., 8:00.
First Term, Winter Quarter, 1901. .6M.

IX. DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR J. CLARENCE WEBSTER
ASSISTANT PROFESSOR HENRY B. STEHMAN
ASSISTANT CLINICAL PROFESSORS EFFA V. DAVIS, CHAS. E. PADDOCK, REUBEN PETERSON
INSTRUCTOR FRANK A. STAHL
ASSOCIATES EDWARD BUEL HUTCHINSON, FREDERICK A. JEFFERSON, RUDOLPH W. HOLMES, HENRY F. LEWIS
ASSISTANT PALMER FINDLAY
ASSISTANTS IN DISPENSARY EFFA V. DAVIS, JULIA D. MERRILL, ELIZABETH HAY, PALMER FINDLAY, THOMAS WARLOE

INTRODUCTORY

Obstetrics is taught by a lecture and recitation-course in the Junior Year, a practical course in obstetrical manipulation upon the manikin, and by clinical conferences in which the class, in small sections, examine the patients in the Central Free Dispensary, the Charity Hospital, and in the maternity wards of the Presbyterian Hospital. During the Senior Year students are assigned to cases of labor at the homes of the patients, and allowed to conduct the same under the direction of the assistant who accompanies them.

Gynecology is taught by lectures (didactic and clinical), recitations and practical "touch" courses, given to the class in small sections in the Central Free Dispensary and Presbyterian Hospital.

COURSES OF INSTRUCTION

OBSTETRICS

JUNIOR YEAR

Course 2.—A lecture course on the Pathology of Pregnancy, Abnormal Labor, and Obstetrical Operations.
Tues., Sat., 9:00; Winter Quarter, 1901. .4Mj.
PROFESSOR WEBSTER.

Course 3.—A recitation and conference course in Obstetrics by DRS. HUTCHINSON, JEFFERSON, AND LEWIS.
The text-book used will be the Text-book of Obstetrics by American Authors, or any other recent standard work.
Fri., Sat., 8:00; Spring Quarter, 1901. .4Mj.

Course 4.—A course in practical Obstetrics given to the class in sections.
Mon., Wed., Fri., 1:00–3:00 and 4:00–6:00.
Each course extends throughout one term. .6M.
DRS. STAHL, HOLMES, LEWIS.
Winter and Spring Quarters, 1901.

Course 5.—Clinical Obstetrics in the Maternity department of the Presbyterian Hospital, Charity Hospital, and Central Free Dispensary. Each demonstration will be limited to three students, and three demonstrations will constitute a course. Hours to be assigned. PROFESSOR WEBSTER, ASSISTANT PROFESSORS DAVIS, PADDOCK, AND DRS. HAY AND MERRILL.
Throughout the year. .4M.

Course 6.—Obstetrical practice, attendance upon cases of confinement in various hospitals, and at the homes of the patients. Each student will be summoned to a case at the time of delivery, and will attend the patient during and after delivery, under supervision.
Throughout the year. .4M.

GYNECOLOGY

Course 8.—Clinical Gynecology. A college clinic and conference by PROFESSOR WEBSTER.
Wed., 10:00–12:00 each Quarter. .4Mj.

Course 9.—Practical Gynecology. A laboratory- and demonstration-course. Given to the class in sections, each section one term. Mon., Thurs, 3:00. .4M.
Winter and Spring Quarters, 1901.
ASSISTANT PROFESSOR PETERSON.

Course 10.—Dispensary clinics. A clinical demonstration and "touch" course in the Dispensary, given in sections.
ASSISTANT PROFS. DAVIS AND PETERSON, AND DR. FINDLAY.
Daily 1:00–3:00 each Quarter throughout the year. .4M.
Each section will work two hours daily for two weeks.

Course 11.—A Microscopical course illustrating the histology and pathology of the female generative organs.
Mon., Thurs., 4:00–6:00. DR. FINDLAY.
Winter and Spring Quarters, 1901. .4M.

X. DEPARTMENT OF DISEASES OF THE CHEST, THROAT, AND NOSE

OFFICERS OF INSTRUCTION

PROFESSOR E. FLETCHER INGALS
ASSISTANT PROFESSOR JOHN EDWIN RHODES
INSTRUCTORS ARTHUR M. CORWIN, CHARLES J. WHALEN, GEORGE W. HALL, OTTO T. FREER.
ASSOCIATES J. F. DOLAMORE, GEORGE A. TORRISON
ASSISTANTS GLENN M. HAMMON, J. E. RAYCROFT, MORLEY BATES
CLINICAL ASSISTANT H. L. LEWIS

At the West Side Hebrew Dispensary

ASSISTANT CLINICAL PROFESSOR GEORGE L. MORGENTHAU

INTRODUCTORY

The work of this department is given to members of the Junior and Senior classes, and includes lecture- and recitation-courses upon the diseases of the chest, throat, and nose; and clinical courses in the Amphitheater and in the Dispensary. A large part of the bedside instruction given in the Cook County and Presbyterian hospitals is devoted to diseases of the chest, and it is expected that facilities for this work will be much increased the coming year, The abundant material available enables the students to observe repeatedly, and examine individually, cases illustrating well-nigh every phase of disease affecting the chest and air-passages, and to see performed the principal laryngological operations. Recitation courses enforce thorough drill in the principles and practice involved. Besides these there are practical courses in physical diagnosis and in laryngology, and a special course in intubation, in which by personal experience the students become familiar with physical signs, and with the methods of examination and the use of instruments.

COURSES OF INSTRUCTION

JUNIOR YEAR

1. **Diseases of the Chest.**—A lecture and recitation course, by ASSISTANT PROF. RHODES, DRS. DOLAMORE, TORRISON, HAMMON, RAYCROFT, BATES.
   Spring Quarter, 1901; Tues., Thurs., Sat., 8:00. .6Mj. DR. RAYCROFT.

2. **Clinical Courses in Central Free Dispensary.**
   Daily from 1:00–3:00 throughout the year. Each section will spend two weeks in this department. .4M.
   DRS. FREER, DOLAMORE, TORRISON.

3. **Practical Courses in Physical Diagnosis.**
   Daily from 2:00–4:00 throughout the year in small sections. Winter Quarter 1901.
   DRS. CORWIN, WHALEN, DOLAMORE.
   Spring Quarter 1901.
   DRS. HALL AND RAYCROFT.
   Also a preliminary course in Laryngology.
   Winter and Spring Quarters, 1:00–3:00.
   DRS. WHALEN AND HAMMON.
   These courses occupy 24 hours and constitute .4M.

SENIOR YEAR

4. **Diseases of the Chest, Throat, and Nose.**—A Didactic course.
   Winter Quarter, 1901; Tues., Thurs., Sat., 8:00. .6Mj.
   PROFESSOR INGALS, ASSISTANT PROF. RHODES.

5. **College Clinic in Diseases of Chest, Throat, and Nose.**
   Each quarter. Wed. 2:00–4:00. .2Mj.
   Winter Quarter 1901.
   PROFESSOR INGALS.
   Spring Quarter 1901.
   ASSISTANT PROF. RHODES.

6. **Diseases of the Chest.**—A hospital course in diagnosis; details not yet arranged. .2M.

7. **Diseases of the Chest, Throat, and Nose.** — A recitation-course occupying one hour each week.
   Winter Quarter, 1901; Mon. 9:00. .2Mj.
   DRS. TORRISON AND BATES.

8. **Laryngoscopy.**—A practical course in the Dispensary. by DRS. TORRISON, FREER, DOLAMORE, HAMMON, RAYCROFT. Winter Quarter, 1901.
   DRS. TORRISON, FREER, RAYCROFT.
   Spring Quarter, 1901.
   DRS. TORRISON, FREER, HAMMON.
   Daily, 1:00–3:00. Each section two weeks. .2M.

9. **Physical Diagnosis.**—A practical course, by DR. WHALEN.
   Winter and Spring Quarters, 1901.
   Daily, 2:00–4:00. Each section two weeks. .2M.

10. **Intubation.**—A practical course, by DRS. WHALEN AND TORRISON. Spring Quarter, 1901. Daily, 1:00–3:00. .2M. DRS. WHALEN AND TORRISON.

11*a*. **A Dispensary Clinical Course** at the West Side Hebrew Dispensary, in the Diseases of the Throat, Nose, and Ear. Mon., Thurs., 2:00–4:00 throughout the year. .4M.

Limited to eight students in each section. Each section one Term.

DR. GEO. L. MORGENTHAU.

XI. DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY

OFFICERS OF INSTRUCTION

PROFESSOR FERDINAND C. HOTZ
ASSISTANT PROFESSORS CASSIUS D. WESCOTT, WILLIAM H. WILDER
INSTRUCTOR E. T. DICKERMAN
ASSOCIATE ELMER A. LAWBAUGH
ASSISTANTS ROBERT A. MACARTHUR, CASSIUS C. ROGERS, L. E. SCHWARZ, GEORGE E. SHAMBAUGH
CLINICAL ASSISTANT E. V. L. BROWN

At the West Side Hebrew Dispensary

ASSISTANT CLINICAL PROFESSOR ALBERT B. HALE.

COURSES OF INSTRUCTION

SENIOR YEAR

1. **A Recitation Course.**—In Diseases of the Eye and Ear, by ASSISTANT PROFESSOR WILDER AND DR. DICKERMAN, Tuesday, Thursday, Saturday, 9:00. Winter Quarter, 1901. In this course the student will acquire a theoretical knowledge of the nature and treatment of the diseases of the eye and ear. These recitations will be made comprehensive by the aid of illustrations of the various diseases and the exhibition of pathological specimens. The text-books used are *Swanzy* on the Eye and *Barr* on the Ear. .6Mj.

2. **Clinical Lecture Course.**—By PROFESSOR HOTZ AND ASSISTANT PROFESSOR WESCOTT, every Friday from 2:00 to 4:00, throughout the year. Selected cases, showing the various stages of principal diseases of the Eye and Ear will be exhibited, their diagnostic symptoms thoroughly demonstrated, and their treatment carefully discussed. There will also be an opportunity of witnessing all the operations upon the Eye and Ear. Each Quarter's work constitutes .2Mj.

3. **Course in Ophthalmoscopy.**—By DRS. LAWBAUGH, MACARTHUR, SCHWARZ, Monday, Wednesday, Friday, 3:00–5:00. Each course to occupy five weeks, throughout the year. The student is taught the use of the ophthalmoscope for the examination of the interior of the eyeball and for retinoscopy. He is furnished artificial eyes to practice on, and then allowed under the personal supervision of the instructor to examine normal and pathological eye-grounds of patients. Each student must provide himself with an ophthalmoscope. These courses are given to sections, the number in each section being limited to twenty-five students. .4M.

4. **Clinical Course on Diseases of the Eye.**—In the Central Free Dispensary, by DRS. MACARTHUR, LAWBAUGH, SHWARZ, every day from 1:00 to 3:00 throughout the year, to sections of ten students. In connection with this course, PROFESSOR HOTZ will hold a clinical conference every Wednesday at 2:00 P. M. Each section to attend two weeks. .2M.

5. **Clinical Course on Diseases of the Ear.**—In the Central Free Dispensary, by DRS. DICKERMAN, ROGERS, SHAMBAUGH, daily from 1:00 to 3:00 throughout the year, to sections of ten students. The attendance upon these Dispensary Clinics is particularly valuable, because it affords the student the opportunity of personally examining the patients and watching the progress of the cases from day to day. .2M.

5*a*. **Dispensary Clinic Course** at the West Side Hebrew Dispensary on the Diseases of the Eye, Wednesday, Saturday, 2:00–4:00 P. M. throughout the year. .4M.

ASSISTANT CLINICAL PROFESSOR HALE.

6. **Clinical Course in Ophthalmic Surgery.**—At the Eye and Ear Infirmary, by DR. WILDER, every Saturday at 2:00. .2Mj.

XII. DEPARTMENT OF SKIN, GENITO-URINARY, AND VENEREAL DISEASES

OFFICERS OF INSTRUCTION

1900-1901

PROFESSOR JAMES NEVINS HYDE
ASSOCIATE PROFESSOR FRANK HUGH MONTGOMERY
ASSOCIATE ALFRED SCHALEK
ASSISTANT AND FELLOW HOWARD T. RICKETTS
ASSISTANT ERNEST L. McEWEN
DISPENSARY ASSISTANTS ALFRED SCHALEK, WILLIAM A. QUINN, HOWARD T. RICKETTS

INTRODUCTORY

The work of this Department is elective and offered to members of the senior class. Instruction is given by clinical teaching, both in the Amphitheater and in the Dispensary: by recitations; and by demonstrations to small classes, of clinical, bacteriological, and pathological phenomena.

Instruction in this Department is supplemented by ample use of the large collection of dermatological plates, atlases, and photographs arranged in cases in proximity to the upper amphitheater: also by use of the Baretta models lately procured in Paris for the use of this Department. The clinical work is also largely supplemented by that of the Fellow in Cutaneous Pathology, who is supplied in the Pathological Laboratory with special apparatus (microscopes, section-cutter, bacteriological media, etc.), and who demonstrates to the class in many cases the essential character of lesions in sections of the skin. In the coming year, as in the last, during which the subject of blastomycosis was investigated in a series of rare cases, original work will be done in this field, the fruits of which will be presented to the classes.

COURSES OF INSTRUCTION

SENIOR YEAR

1. **Skin, Genito-Urinary, and Venereal Diseases.** By DRS. SCHALEK, RICKETTS, McEWEN. A recitation and conference course given to the class in small sections. The text-books used are Hyde and Montgomery on the *Skin*, and Hyde and Montgomery on the *Venereal Diseases*.
   Tues., Thurs., Sat., 9:00.
   Winter and Spring Quarters, 1901.
   Limited number each Quarter. .6Mj.

2. **Clinical Course.**—Arena Clinic, by PROFESSOR HYDE AND ASSOCIATE PROFESSOR MONTGOMERY. A clinical course on the subject of the Diseases of the Skin, of the Genito-Urinary Organs, and on Venereal Diseases. This clinic has been conducted in the College for more than twenty years, and is attended by a large number of out-patients of both sexes and all ages.
   Mon., Fri., 2:00–4:00. Throughout the year.
   This course occupies four hours weekly throughout the year. Each Quarter's work constitutes .4Mj.

3. **Demonstration Courses.**—BY ASSOCIATE PROFESSOR MONTGOMERY. A practical course of clinical, pathological, and bacteriological demonstrations in skin and venereal diseases, given to the class in sections of not more than ten.
   Mon., Fri., 2:00–4:00.
   This course occupies four hours weekly during the Winter Quarter. Each term's (six weeks') work constitutes .4M.

4. **Genito-Urinary Diseases.** — By ASSOCIATE PROFESSOR BELFIELD. A clinical course in diseases of the genito-urinary tract.
   Mon., 4:00–6:00.
   Winter and Spring Quarters, 1901.
   Each Quarter. .2Mj.

5. **Clinical Course in the Central Free Dispensary.** By DRS. RICKETTS, SCHALEK, AND QUINN. A clinical course given to the class in small sections in the Dermatological and Genito-Urinary Department of the Central Free Dispensary. The student is here brought in personal contact with patients and required to examine and prescribe as he would in private practice.
   Daily, 1:00–3:00.
   In sections: each section occupies twelve hours weekly for two weeks. .2M.

XIII. GENERAL LECTURES

Medical Jurisprudence — PROFESSORIAL LECTURER, JUDGE HENRY V. FREEMAN
The History of Medicine —

A summary of the courses offered in each Quarter is furnished in the Schedule of Hours furnished to each student a the College office.